Teck

ASSESSMENT REPORT ON THE 2012 GEOCHEMICAL SAMPLING AND PROSPECTING ON THE NIDD PROPERTY

Mayo Mining District, Yukon

Kobuk 1-8(YA06587-YA06594); Nidd: 14(YA07254), 16(YA07256), 18(YA07258), 20-40 (YA07260-YA07280), 47-51(YA07281-YA07285), 55-58(YA07286-YA07289), 63-66(YA07290-YA07293), 70-73 (YA07294-07297), 76-79(YA07298-YA07301), 81-85(YA07302-YA07306), 88-93(YA07307-YA07312), 95-101(YA07313-YA07319), 104(YA07320), 105-110(YA07329-YA07334), 115-122(YA07327-YA07334), 130-136(YA07335-YA07341), 138(YA07342), 140(YA07343), 142(YA07344), 144-158(YA07345-YA07359), 161(YA07361), 163(YA07362), 165(YA07363), 167(YA07364), 169(YA07365), 171(YA07366), 173-175(YA07367-YA07369), 183(YA07375), 248-253(YA07436-YA07441), 257-260(YA07445-YA07448), 275-278(YA07449-YA07452), 283-284(YA07453-YA07454), 317-327(YA15428-YA15438), 401-402 (YA43328-YA43329), 328-346(YA15439-YA15457), 404-405(YA43331-YA43332), 407(YA43334), 409 (YA43336), 411(YA43338), 413(YA43340), 415-416(YA43342-YA43343), 427-428(YA43354-YA43355), 476-496 (YA43354-YA62618), 498(YA62619), 500(YA62620), 502(YA62621), 504-520(YA62622-YA62638), 521-558(YA63234-YA63271), 575-634(YA63288-YA63347), 699-730(YA63614-YA63645), 789-795(YA63704-YA63710), 803-813(YA64170-YA64180), 815-818(YA64182-64185)

NTS Map Sheets 105O/01, 105O/02, 105O/08

NAD83 ZONE 9, UTM COORDINATES 423500E 7011000N

OWNER
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February 28, 2013

Work Period: September 2-12, 2012

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1 SUMMARY

The Nidd and Kobuk claims are located in the Mayo Mining District of the Yukon Territory and were originally staked from 1976 through 1981. This report discusses geochemical sampling and prospecting carried out on the Nidd property by Teck Resources Limited during the 2012 exploration program. The program focused on exploration for lead and zinc mineralization with the aim of identifying effective exploration methodologies to define targets for future testing by diamond drilling.

The 2012 program consisted of soil and stream geochemical sampling and prospecting completed during the first two weeks of September. A total of 42 stream sediment samples, 171 soil samples, and 56 rock samples were collected from the Nidd property. Recommendations for future work include follow-up prospecting/mapping and soil sampling in drainages displaying anomalous Zn and Ba values in stream sediment. Further work is also warranted in the area of the Boundary Creek zone, where mineralization is open and untested to the west.

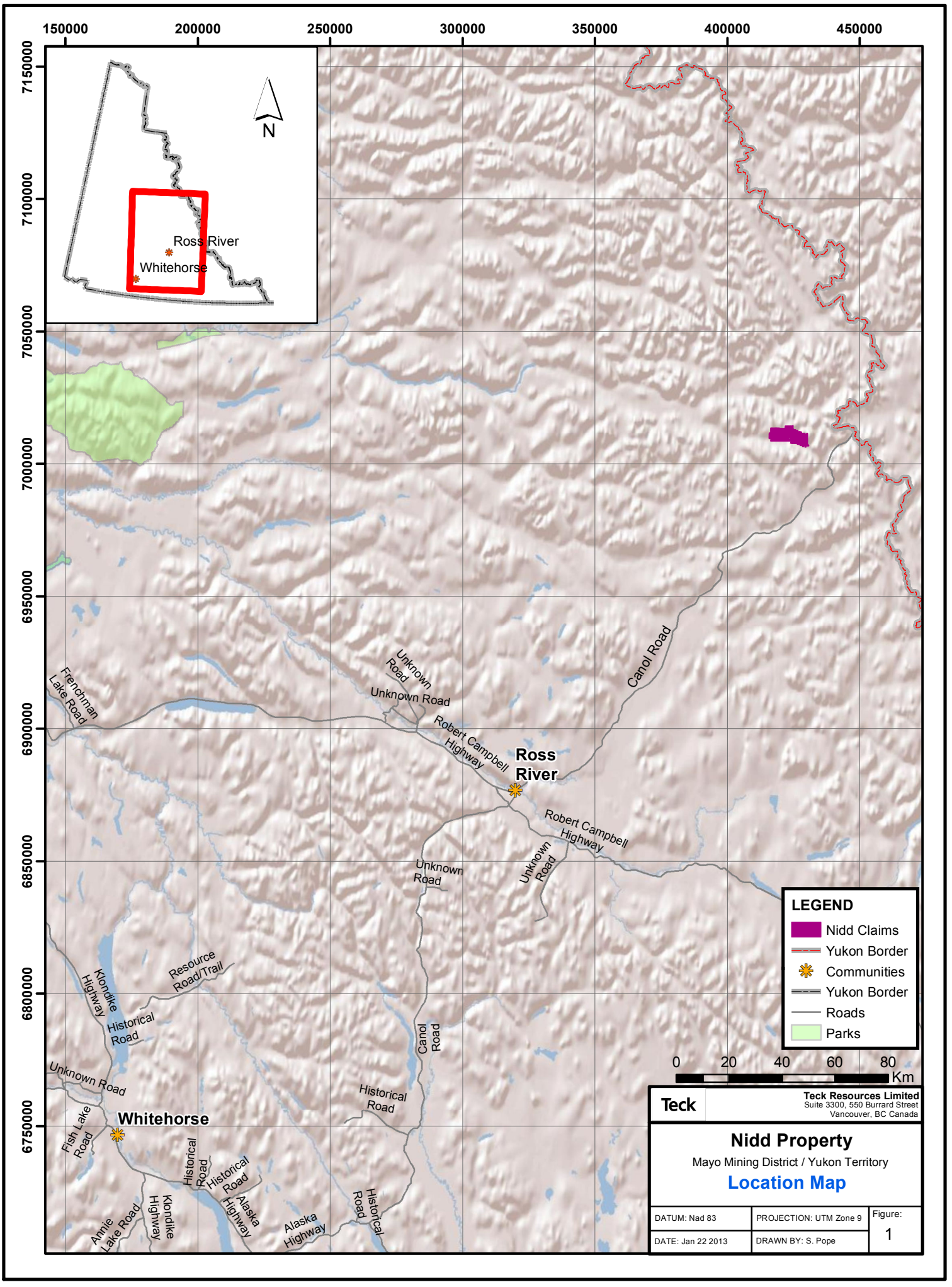
2 LOCATION, ACCESS, AND PHYSIOGRAPHY

The Nidd property is located within the Mayo Mining District in the Macmillan Pass area, Yukon Territory (Figure 1), approximately 390km northeast of Whitehorse and 170km northeast of the community of Ross River (by air). Ross River is located approximately 410km from the city of Whitehorse by road. The claims are located on NTS map sheets 105O/01, 105O/02, and 105O/08, in an area of relatively rugged terrain in the eastern Selwyn Mountains. Elevations on the property range from 1120m in the main river valley to 1800m at the highest peaks, with tree line occurring at approximately 1100m. Above tree line, outcrop and subcrop are widespread.

Access to the property is gained by helicopter transport from a local trapper cabin located at kilometer 200 on the North Canol Road. The North Canol is a maintained dirt road running from Ross River to the border of the Northwest Territories and is accessible by 4x4 vehicle traffic during the summer months. A cable ferry connects the North Canol Road to Ross River and operates a daily schedule during the summer. The Macmillan Pass airstrip is the closest fixed wing access and is located at kilometer 215 on the North Canol Road, roughly 20km east of the claim group.

The following is taken from Heberlein, 2012b:

"Hillsides above tree line are covered with a thin veneer of locally derived colluvium. Below tree line and on lower slopes, colluvium gives way to glacial deposits consisting of a thin (<1m) till veneer and glaciofluvial sands and gravels in the valley floor… At highest elevations at the north end of both [soil sampling] lines, soils are developed on colluvial deposits. At the base of slope the colluvium gives way to a thin (<1m) till veneer that flanks the valley floor on both sides of the main east-west drainage. Glaciofluvial sands and gravels underlie the valley."


150000
200000
250000
300000
350000
400000
450000
7150000
7100000
7050000
7000000
6950000
6900000
6850000
6800000
6750000
N
Ross River
Whitehorse
Frenchman Lake Road
Unknown Road
Unknown Road
Robert Campbell Highway
Canol Road
Ross River
Robert Campbell Highway
Unknown Road
Unknown Road
Resource Road/Trail
Klondike Highway
Historical Road
Canol Road
Unknown Road
Historical Road
Whitehorse
Fish Lake Road
Historical Road
Historical Road
Alaska Highway
Historical Road
Annie Lake Road
Klondike Highway
Alaska Highway
LEGEND
Nidd Claims
Yukon Border
Communities
Yukon Border
Roads
Parks
0
20
40
60
80
Km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Nidd Property
Mayo Mining District / Yukon Territory
Location Map
DATUM: Nad 83
PROJECTION: UTM Zone 9
Figure:
1
DATE: Jan 22 2013
DRAWN BY: S. Pope

3 CLAIM STATUS

The Nidd property consists of 372 contiguous quartz mining claims in the Mayo Mining District of the Yukon Territory on NTS sheets 105O/01, 105O/02, and 105O/08. Teck Mining Worldwide Holdings Limited (a wholly owned subsidiary of Teck Resources Limited) is 100% owner and operator for all claims listed. As a result of work completed in 2012, the requested renewal date is December 3, 2017 for 365 claims and December 3, 2019 for 7 claims. The claims are illustrated in Figure 2. Table 1 summarizes the property claims.

Claim Name	Grant Number	Number of Claims	Owner	Good To Date*
Kobuk 1-8	YA06587-YA06594	8	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 14	YA07254	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 16	YA07256	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 18	YA07258	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 20-40	YA07260-YA07280	21	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 47- 51	YA07281-YA07285	5	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 55-58	YA07286-YA07289	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 63-66	YA07290-YA07293	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 70-73	YA07294-07297	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 76-79	YA07298-YA07301	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 81-84	YA07302-YA0707305	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 88-93	YA07307-YA07312	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 96-101	YA07314-YA07319	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 105- 110	YA07329-YA07334	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 117-122	YA07329-YA07334	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 131-136	YA07336-YA07341	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 138, 140	YA07342, YA07343	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 142	YA07344	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 144-158	YA07345-YA07358	15	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 161, 163	YA07361, YA07362	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 165, 167	YA07363, YA07364	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 169, 171	YA07365, YA07366	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 173-175	YA07367-YA07369	3	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 183	YA07375	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 248-253	YA07436-YA07441	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 257-260	YA07445-YA07448	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 283-284	YA07453-YA07454	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 317-327	YA15428-YA15438	11	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 401-402	YA43328-YA43329	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 404-405	YA43331-YA43332	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 407, 409	YA43334, YA43336	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 411, 413	YA43338, YA43340	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 415-416	YA43342-YA43343	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 427-428	YA43354-43355	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 476-496	YA43354-YA62618	21	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 498, 500	YA62619, YA62620	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 502	YA62621	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 504-520	YA62622-YA62638	17	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017

Nidd 531-558	YA63244-YA63271	28	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 575-618	YA63288-YA63331	44	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 622	YA63335	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 699-730	YA63614-YA63645	32	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 789-795	YA63704-YA63710	7	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 803-813	YA64170-YA64180	11	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 815-818	YA64182-64185	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 85	YA07306	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 95	YA07313	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 104	YA07320	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 115-116	YA07327-YA07328	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 130	YA07335	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 275-278	YA07449-YA07452	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 328-346	YA15439-YA15457	19	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 521-530	YA63234-YA63243	10	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 619-620	YA63332-YA63333	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 625-630	YA63338-YA63343	6	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2017
Nidd 621	YA63334	1	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2019
Nidd 623-624	YA63336-YA63337	2	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2019
Nidd 631-634	YA63344-YA63347	4	Teck Mining Worldwide Holdings Ltd.	Dec. 3, 2019

Table 1: *Nidd Property Claim Summary. *Good To Date pending acceptance of assessment*

4 PROPERTY HISTORY

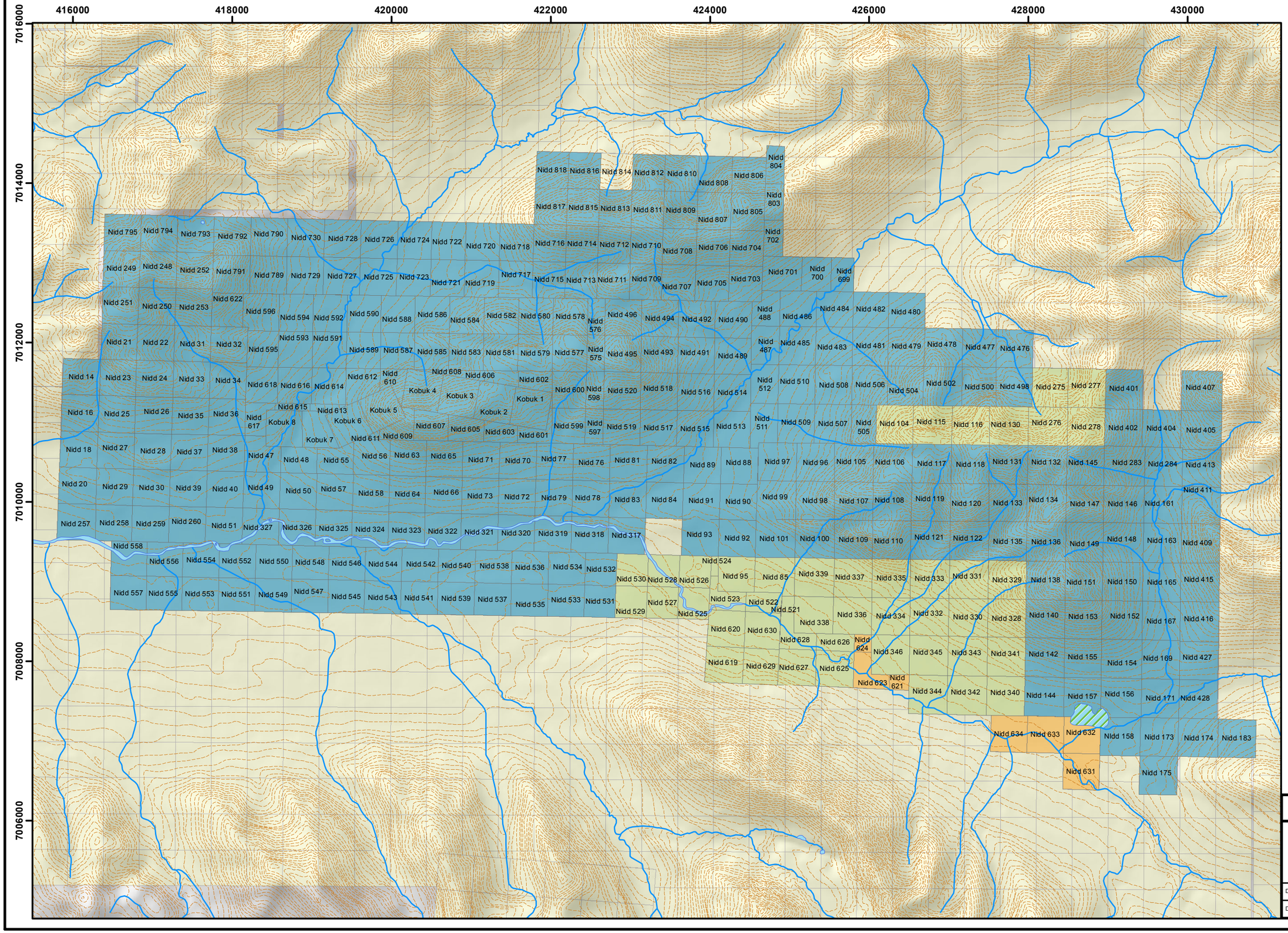
The following are excerpts from Rhodes (2001):

" Initial interest in the Macmillan Pass camp dates from the discovery of the Tom West zone in 1951 by prospectors of the Hudson's Bay Mining and Smelting Company. The Tom East zone was subsequently discovered in 1967, followed by the Southeast zone in 1979.

"In 1974 and 1975, the Ogilvie Joint Venture staked the Jason property adjoining the Tom property to the southwest, following the discovery of Pb-Zn-Ba soil geochemical anomalies and coincident gravity anomalies. Diamond drilling led to the discovery of the Jason Main zone in 1975. Stratigraphic drilling in 1978 discovered the nearby Jason South zone. In 1980 the small Jason End zone was discovered close to the boundary of the Jason claims with the Nidd claims.

"The Nidd property was first staked in 1976 to cover the westward strike extent of favorable stratigraphy hosting the Tom and Jason deposits. Soil geochemical sampling along contour lines prior to acquisition had indicated a number of anomalies that gave support to the staking. Additional claims were added to the group in 1977, 1980, and 1981…"

"Exploration work on the Nidd claims was undertaken in the years between 1976 and 1985 inclusive and in a second phase of work in 1989 to 1991 inclusive. The work has comprised property wide 1:10,000 scale geological mapping, contour soil geochemistry, and stream silt geochemistry. More focused work has been undertaken on select areas of favorable geology and/or geochemistry that have included the Nidd Creek,



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Nidd Property

Mayo Mining District, Yukon Territory

Figure 2: Nidd Claim Block

DATUM: NAD83	PROJECTION: UTM Zone 9N
DATE: Nov 13, 2012	DRAWN BY: S. Pope

Boundary Creek, Eleven Creek, and Imperial Creek areas. This focused work on cut grid lines in most instances has included soil geochemical surveys and various geophysical surveys including: Horizontal Loop EM, magnetometer, VLF, IP, and some gravity. In total 35 holes have been diamond drilled on the property including six at Nidd Creek, 24 at Boundary Creek, and two at Eleven Creek."

The 1991 drilling program included the largest footage to date, consisting of six holes totaling 1768.2 meters (Rhodes, 1992). No work has been documented since 1991.

5 GEOLOGY

5.1 Regional Geologic Setting

The Nidd property is located near the eastern margin of the Selwyn Basin, a large northwest-striking, rift-controlled, epicratonic sedimentary basin which extends through Alaska, Yukon, Northwest Territories, and northern British Columbia. The basin consists of several thousand meters of Late Proterozoic-Devonian sedimentary rocks, bounded to the east and north by platformal carbonate rocks. The basin fill consists of a thick Late Proterozoic syn-rift, mostly oxidized clastic sequence (Windermere Supergroup) overlain by a sag or post-rift basinal sequence of reduced shale and chert that hosts multiple SEDEX deposits (Goodfellow, 2007).

Along the eastern extents of the basin is the Macmillan Fold Belt, a west-northwest trending, 30km by 60km structural domain within the MacKenzie Mountains. The Macmillan Fold Belt lies approximately 100km west of the present location of the Ordovician-Silurian carbonate shelf edge (Turner and Rhodes, 1990). The area has been divided into three different fault blocks separated by the southeast striking Hess thrust fault and the east-southeast striking Macmillan fault set (Figure 3). The stratigraphic sequence in the area has seen abundant folding and faulting, trending predominantly NW-SE, resulting in multiple repetitions of stratigraphy across thrust sheets. Folds range from open to isoclinal and from upright to overturned. The Central Block displays a much thicker sequence of Earn Group rocks compared to the other fault blocks, as well as the only occurrences of Macmillan Pass volcanics (see Section 5.2). The Central Block represents a submarine fan complex localized within a fault bounded basin (Abbott and Turner, 1991).

Paleozoic and older stratigraphy in the Macmillan Pass area is intruded by a suite of quartz monzonite and biotite-granite plutons of the Tombstone suite (Abbott, 2012). These intrusions generally have a low magnetic response, consistent with a reduced (ilmenite-series) chemistry. The plutons typically have well developed hornfelsed aureoles, and are widely associated with reduced intrusion related gold (RIRG) mineralization.

Three major periods of sedimentary exhalative sulfide deposition are recognized within the Selwyn Basin; the Cambrian Anvil camp, the Silurian Howards Pass camp, and the Devonian Macmillan Pass and Gataga camp. The Nidd, Tom, and Jason base metal deposits are located within the Central Block of the Macmillan Pass district (previously known as the Macmillan Pass graben; Abbott and Turner, 1991). Syndepositional faults within and bounding the basin likely functioned as pathways for hydrothermal mineralizing fluids.

5.2 Property Geology

The Nidd property is underlain by a diverse assemblage of sedimentary and volcanic rocks of Middle Ordovician to Upper Devonian age, with a suite of Cretaceous intrusions (Kg) to the south (Figure 3). The following is sourced from Abbott's "Bedrock Geology of the Macmillan Pass area" map (2012) and includes the geologic units present on the Nidd and Kobuk claims:

PORTRAIT LAKE FORMATION (LOWER EARN GROUP)

Fuller Lake Member ***Middle (?) and Upper Devonian***

DF *Talus-forming silver-blue weathering platy, siliceous shale, minor chert. Thin beds of coarse-grained limestone and platy grey weathering barite in beds less than 1m thick occur intermittently near the top of the unit.*

Macmillan Pass Member ***Middle to Upper Devonian***

DMcg *Conglomerate facies. Resistant grey weathering, massive chert-pebble conglomerate with minor sandstone and grit. The conglomerate occurs mainly as a continuous horizon near the top of the Macmillan Pass Member (DM) but also forms lenses within the shale facies.*

DMss *Sandstone facies. Brown-weathering, coarse- to medium-grained sandstone, siltstone with lesser chert-pebble conglomerate and shale.*

DMsh *Shale facies. Brown-weathering, thinly laminated "pinstriped" grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate.*

Niddery Lake Member ***Lower to Middle Devonian***

DN *Black to dark blue weathering, thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan fault zone, light grey bioclastic limestone forms beds up to several meters thick in uppermost exposures of the unit. Barite and limestone lenses up to 30m thick are widespread and may represent one or more tectonically dismembered horizons.*

MACMILLAN PASS VOLCANICS (LOWER EARN GROUP)

Middle Devonian

Dv *Orange weathering, carbonate-rich mafic flows and volcaniclastic rocks and minor related sedimentary rocks. Local blocky, resistant, dark grey weathering, coarse grained gabbro sills and dykes.*

SAPPER FORMATION

Upper Silurian to Middle Devonian

SDs *Recessive, buff to tan weathering, platy, silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone.*

STEEL FORMATION

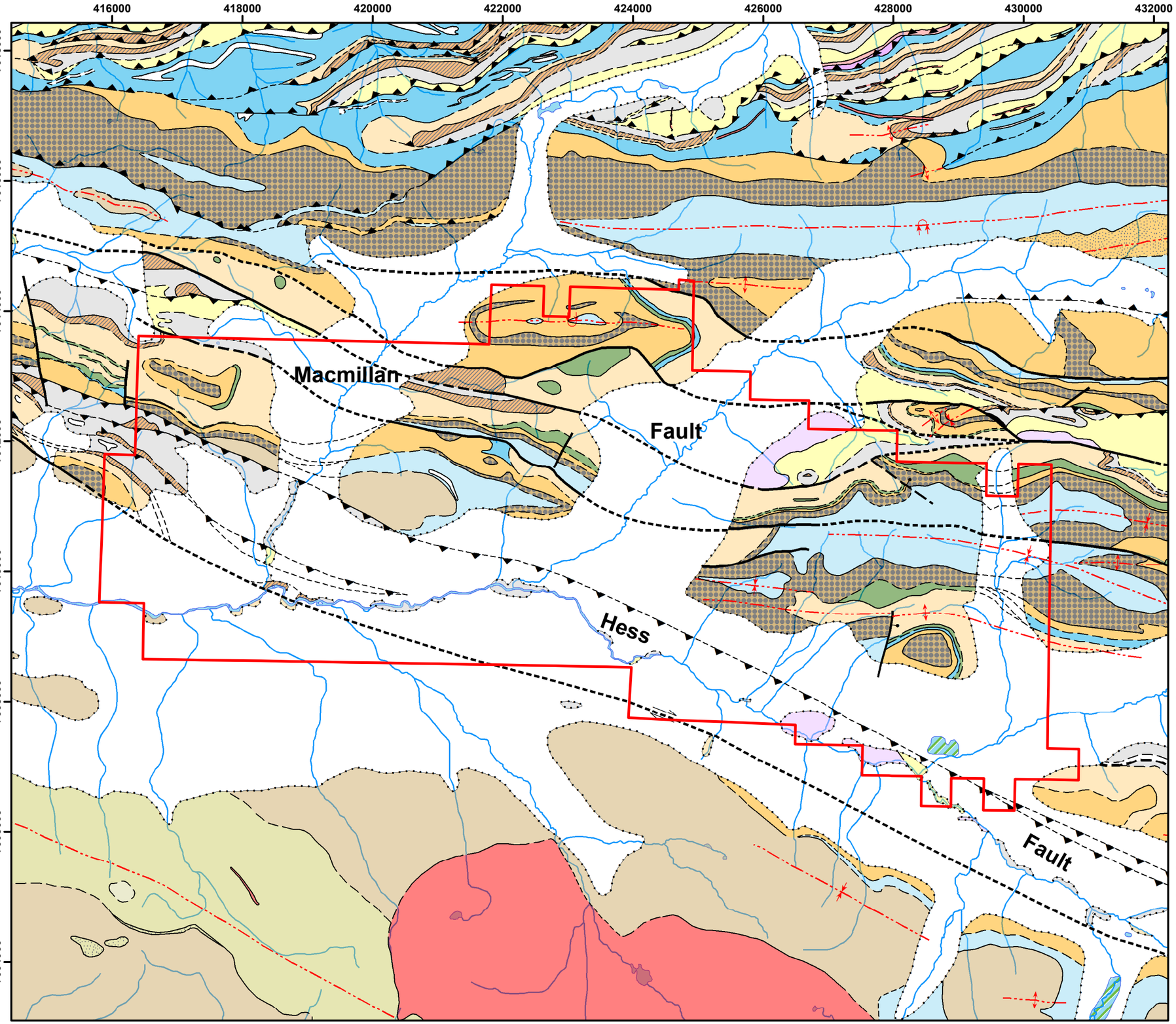
Middle to Upper Silurian

Ss *Orange to green weathering, bioturbated, wispy laminated green shale and mudstone. Thick beds of orange weathering, pyritic dolostone are intermittent.*

DUO LAKES FORMATION

Early Ordovician to Middle Silurian

OSd *Brown weathering, medium bedded chert overlain by silver to dark blue weathering thin bedded black chert and siliceous shale.*



Legend

Mac_Pass_Contacts
TYPE, RELIAB

- intrusive, approximate
- intrusive, defined
- intrusive, inferred
- intrusive, unknown
- limit of outcrop, <Null>
- stratigraphic, approximate
- stratigraphic, defined
- stratigraphic, inferred
- stratigraphic, unknown

Mac_Pass_Folds
TYPE, RELIAB

- Anticline, Approximate
- Anticline, Defined
- Overturned Anticline, Defined
- Overturned Syncline, Defined
- Syncline, Approximate
- Syncline, Defined

Mac_Pass_Faults
TYPE, RELIAB

- normal, approximate
- normal, defined
- strike slip-dextral, covered
- strike slip-dextral, defined
- thrust, approximate
- thrust, covered
- thrust, defined
- thrust, inferred
- unknown, approximate
- unknown, covered
- unknown, defined
- unknown, inferred

0 1 2 Km

N

Legend

Teck Tenure

Mac_Pass_Geology
UNIT_ORIG

- Kg - Cretaceous granite
- CPMC - Mount Christie
- MTss - Tischu sst facies
- MTsh - Tischu shale facies
- DI - Itsi Fm
- DF - Fuller Lake
- DMcg - MacPass conglom
- DMss - MacPass sst
- DMsh - MacPass shale
- DN - Niddery Lake
- Dv - MacPass volcanics
- SDS - Sapper Fm
- SS - Steel Fm
- OSD - Duo Lakes Fm
- COR - Rabbitkettle Fm
- COG - Gull Lake Fm
- CS - Sekwi Fm
- PCN - Narchilla Fm
- PCV - Vampire Fm
- Stream
- Lake
- Wetland

(Abbott, 2012)

Teck

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Vancouver, BC Canada

Nidd Property

Mayo Mining District, Yukon Territory

Figure 3: Regional Geology

DATUM: NAD83	PROJECTION: UTM Zone 9N
DATE: Jan 21, 2013	DRAWN BY: A. Henry

Significant lateral facies changes are evident in Late Silurian to Middle Devonian time, with the Niddery Lake Member (DN) and Sapper Formation (SDs) being broadly age equivalent (Figure 4). The Macmillan Pass Volcanics, locally spatially associated with base metal mineralization, are entirely restricted to the Central Block (Figure 5). Thrust faults within the Central Block are argued to reflect reactivated growth faults, consistent with marked facies changes and the local presence of conglomeratic and "diamictite" units (DMcg) noted through this area (Figure 5).

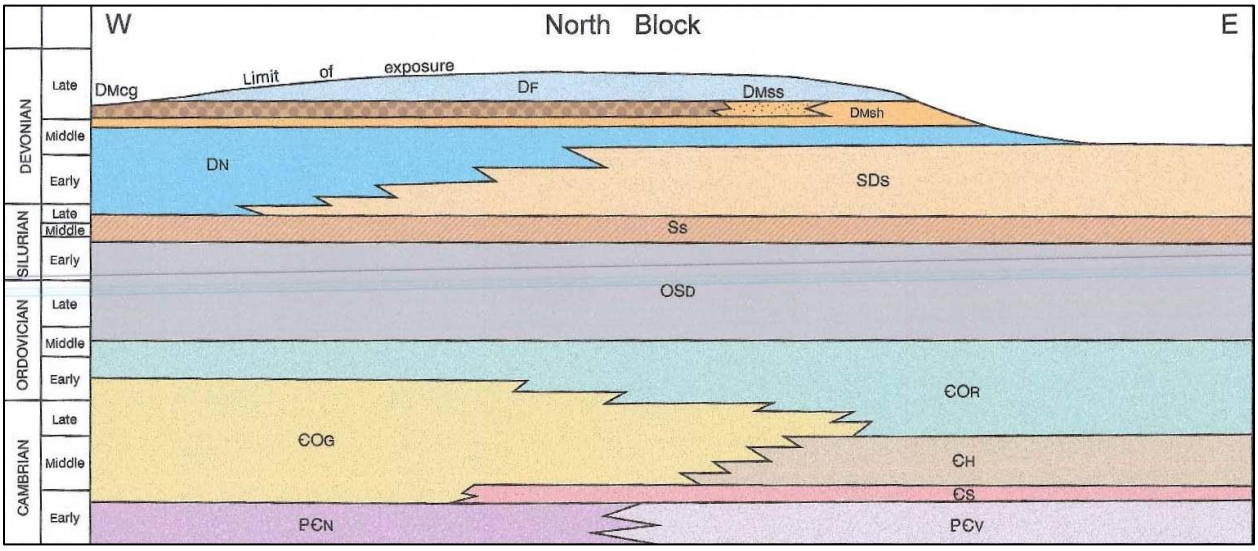


Figure 4: *Tectonostratigraphic section through the North Block, Macmillan Pass area, illustrating the relationship between the Sapper Formation (SDs) and the Niddery Lake Member (DN) of the Portrait Lake Formation. Note the absence of Macmillan Pass Volcanics in the North Block (Abbott, 2012).*

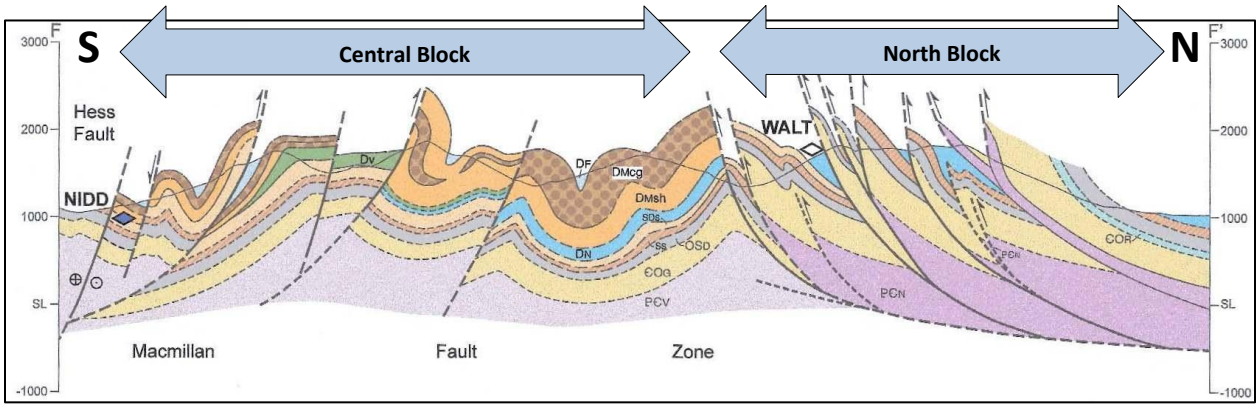


Figure 5: *N-S cross section through the Central and North Blocks, Macmillan Pass area. Note the general restriction of conglomerates (DMcg) and volcanic rocks (DV) to the Central Block. Also note the general facies change from Sapper Formation (SDs) to Niddery Lake Member (DN) from south to north (Abbott, 2012).*

All significant, known Pb-Zn-Ag SEDEX deposits in the Macmillan Pass district are located within the Portrait Lake Formation of the Central Block. Stratiform sulfide-barite-chert mineralization in the Tom and Jason deposits is interbedded with uppermost Macmillan Pass Member (DM) and lowermost Fuller Lake Member (DF) stratigraphy. Epigenetic Zn mineralization at the Boundary Creek zone (Nidd) is hosted primarily in chert pebble conglomerates within the Macmillan Pass Member (DM). Stratiform barite (+-Zn-Pb) mineralization in the North Block (Tryala, Hess, and Walt occurrences) is hosted in the Niddery Lake Member (DN). Arguably, the Central Block is the most prospective area for SEDEX mineralization, but base metal and/or barite occurrences elsewhere should not be overlooked.

6 DEPOSIT TYPES

The Selwyn basin hosts a variety of mineral deposits, including significant gold occurrences at Brewery Creek (Golden Predator Corp.), Dublin Gulch (Victoria Gold Corp.), and the Rackla gold project (ATAC Resources Ltd.). At the Nidd property, the geological and structural setting of the Hess and Macmillan Fault system is somewhat analogous to the Tombstone Thrust system along the Rackla Gold trend; an emerging Carlin-style gold district which is hosted in calcareous and carbonaceous clastic rock sequences. There are numerous intrusives of Cretaceous age within the MacPass area, some of which are associated with tungsten and gold occurrences (e.g. Alp, Kelvin/Bord, Neve/Brick, Nuke, Mehtabe). World-class tungsten skarn deposits and associated occurrences are found at Mactung and Cantung (North American Tungsten Corp.) and at the Sim showing (Minfile number 105O 043).

There are also multiple base metal deposits in the Selwyn basin (e.g. Tom, Jason, Howards Pass). Three major periods of sedimentary exhalative sulfide deposition are recognized within the basin; the Cambrian Anvil district, the Silurian Howards Pass district, and the Devonian Macmillan Pass and Gataga district. In each of these camps, SEDEX deposits are hosted by reduced, fine-grained, carbonaceous basinal sediments represented predominantly by black carbonaceous mudstone, shale, and chert underlain by higher energy clastic units. In the MacMillan Pass area, these lithologies represent the Fuller Lake Member and the Macmillan Pass Member, respectively (Goodfellow, 2007). The Tom and Jason deposits (Macmillan Pass district), approximately 16km southeast from the central area of the Nidd claims, consist of massive to interlaminated Zn-Pb-Ag-Fe sulfides and barite. Other mineral occurrences in the Selwyn basin include stratiform, sediment hosted barite deposits such as Racicot (Minfile number 105O 013), Samovar (Minfile number 105O 20), Walt (Minfile number 105O 021), and Gary/Gargantua (Minfile number 105O 027).

7 MINERALIZATION

The depositional/structural basin hosting the Tom and Jason SEDEX deposits extends to the west across the Nidd claims. A large hydrothermal center of Zn mineralization has been partially defined at the Boundary Creek zone, in the center of the Nidd claims. Drilling results from Cominco Ltd. in 1991 show that the Boundary Creek area was an extremely syndepositionally active environment characterized by rapid lateral and vertical facies

changes. Known mineralization is spatially associated with a late Devonian syndepositional fault (Turner and Rhodes, 1990). "The mineralization at Boundary Creek is replacive and early epigenetic and takes the form of veins and stockworks cutting the strata, interstitial disseminations and replacements of matrix and clasts in diamictites and chert pebble conglomerates, and variable disseminations and replacement of 100% sideritized volcanics. To date the mineralization is mostly medium to coarse crystalline sphalerite accompanied by large volumes of siderite and/or pyrite but only low volumes of galena." (Rhodes, 2001) Additional indications of similar Zn mineralization exist on the Nidd property at Eleven Creek and to the west of the property at Imperial Creek, and there are also several showings of sediment hosted barite within the Nidd claim group.

8 2012 EXPLORATION PROGRAM

The 2012 exploration program on the Nidd property consisted of stream sediment geochemical sampling, test soil geochemical sampling, and limited prospecting/rock sampling. A crew of four persons carried out the sampling and prospecting on the property starting September 2, 2012 and completing the program on September 11, 2012. A contract crew of two persons carried out the stream sediment sampling from September 4-11, 2012. An additional contract crew of two people aided with soil sampling from September 8-11, 2012.

Two types of soil samples were collected during the 2012 exploration program as an investigative approach to determine which soil horizon provides the best response (strength, multi-element, consistency) in the Nidd environment. Where possible, both conventional B horizon soil samples as well as Ah horizon samples were collected at each location. For B horizon samples, approximately 1kg of soil was collected at each site and placed in either a heavy plastic sample bag or a Hubco sample bag, along with a lab-issued sample tag, and secured with a zip tie or Hubco tie. Sample numbers were written on the outside of each sample bag. The Ah horizon organic samples were similar in volume, but significantly lighter. Ah horizon sampling and labeling procedures were identical to those for B horizon samples. Each sample site was located using a hand-held Garmin GPS. In total, 71 Ah horizon and 100 B horizon samples were collected (not including QA/QC samples), mostly from 50m stations along two soil lines, with a couple samples taken elsewhere on the property (Figure 6a and b). The soil lines were spaced approximately 800m apart, and crossing the surface projection of the Boundary Creek mineralization. All samples were delivered by crew members to the Acme Analytical Laboratories ("Acme") prep laboratory in Whitehorse, Yukon for preparation, and subsequently shipped to Acme in Vancouver for analysis.

Stream sediment samples were collected from exposed and submerged mid-channel gravel bars, as well as exposed and submerged near bank and point bars of selected streams within the property. In total, 42 samples were collected (not including QA/QC samples, Figure 6a, c, and d). In narrow creeks with deep channels, only submerged mid-channel sands and gravels were available. Reasonable efforts were made to locate and sample heads of bars when possible. Once an appropriate sample site was selected, the objective was to collect at least 700g of -60 mesh (0.25mm) sample material by sieving stream bed material. Material was shoveled from a pit up to 1m deep and transferred to a 14 inch diameter plastic classifier sifting pan (1cm opening) and wet-sieved into a 10 liter plastic pail. A -60 mesh (0.25mm) stainless steel sieve was then use to wet-sieve material into an attached stainless steel receiver pan to recover the target sample material. Samples where then transferred

into pre-labeled Hubco sample bags, secured with a zip tie, and placed in a plastic sleeve for field transport. Samples were drip dried in a secure, contaminant-free structure prior to transport by crew members to the Acme prep lab in Whitehorse. Following preparation, samples were shipped by Acme to their Vancouver laboratory for analysis.

Prospecting and rock sampling was completed predominantly along ridge tops on the property to confirm geology and identify showings of interest. 1-3kg rock samples were collected as outcrop, subcrop, or float grabs, and placed in heavy plastic sample bags with a lab-issued sample tag. Sample bags were secured with a zip tie and the sample number was written on the outside of the bag. A total of 56 rock samples (not including QA/QC samples) were collected from the Nidd and Kobuk claims (Figure 6a, c, and d). All rock samples were delivered by crew members to the Acme prep lab in Whitehorse for preparation, and subsequently shipped by Acme to their laboratory in Vancouver for analysis.

9 GEOCHEMICAL ANALYTICAL PROCEDURES

All samples were sent to Acme Analytical Laboratories ("Acme") in Whitehorse and Vancouver for processing and analysis. Acme is an ISO 9002 accredited facility and services numerous exploration programs in Yukon. A total of 171 soil samples, 42 stream sediment samples, and 56 rock samples were collected from the Nidd property during the 2012 exploration program.

The preparation procedure for soil samples involves oven-drying the sample material at 60 degrees Celsius and then screening to -180 microns (-80 mesh ASTM). Samples are handled, dried, and screened in an area dedicated for specific media to avoid contamination from other types of samples. A 30g sample of the -80 mesh material was then digested in aqua regia solution and diluted with distilled water. This solution was then analyzed for 53 elements by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) according to the Acme 1F06 analytical procedure. Sample pulp was also analyzed using the Acme 2A05 procedure (loss on ignition).

Stream sediment samples were prepared by first drying the sample, then screening to -150 mesh. A 30g sample of the -150 mesh material was then digested in aqua-regia solution and diluted with distilled water. This solution was then analyzed for 53 elements by ICP-MS according to the Acme 1F06 analytical procedure. Sample pulp was also analyzed using the Acme 2A05 procedure (loss on ignition).

Rock samples were prepared by first drying the sample, then crushing 1kg of rock to 80% passing 10 mesh, splitting 1000g and pulverizing to 85% passing 200 mesh. A 30g sample of the 200 mesh material was then digested in aqua-regia solution and diluted with distilled water. This solution was then analyzed for 66 elements by ICP-MS according to the Acme 4A-4B analytical procedure, ultra-trace elements according to the Acme 1FM-MS procedure, as well as for Au by Fire Assay fusion with Inductively Coupled Plasma Emission finish according to the Acme G601 procedure.

416000 418000 420000 422000 424000 426000 428000 430000

7016000 7014000 7012000 7010000 7008000 7006000

N

Legend

- 2012 Ah Soil Samples
- 2012 B Soil Samples
- 2012 Rock Samples
- 2012 Stream Samples
- Traverse
- Stream
- Contour
- Lake
- Wetland

Teck Tenure

- Teck Tenure

0 0.75 1.5 Km

Teck

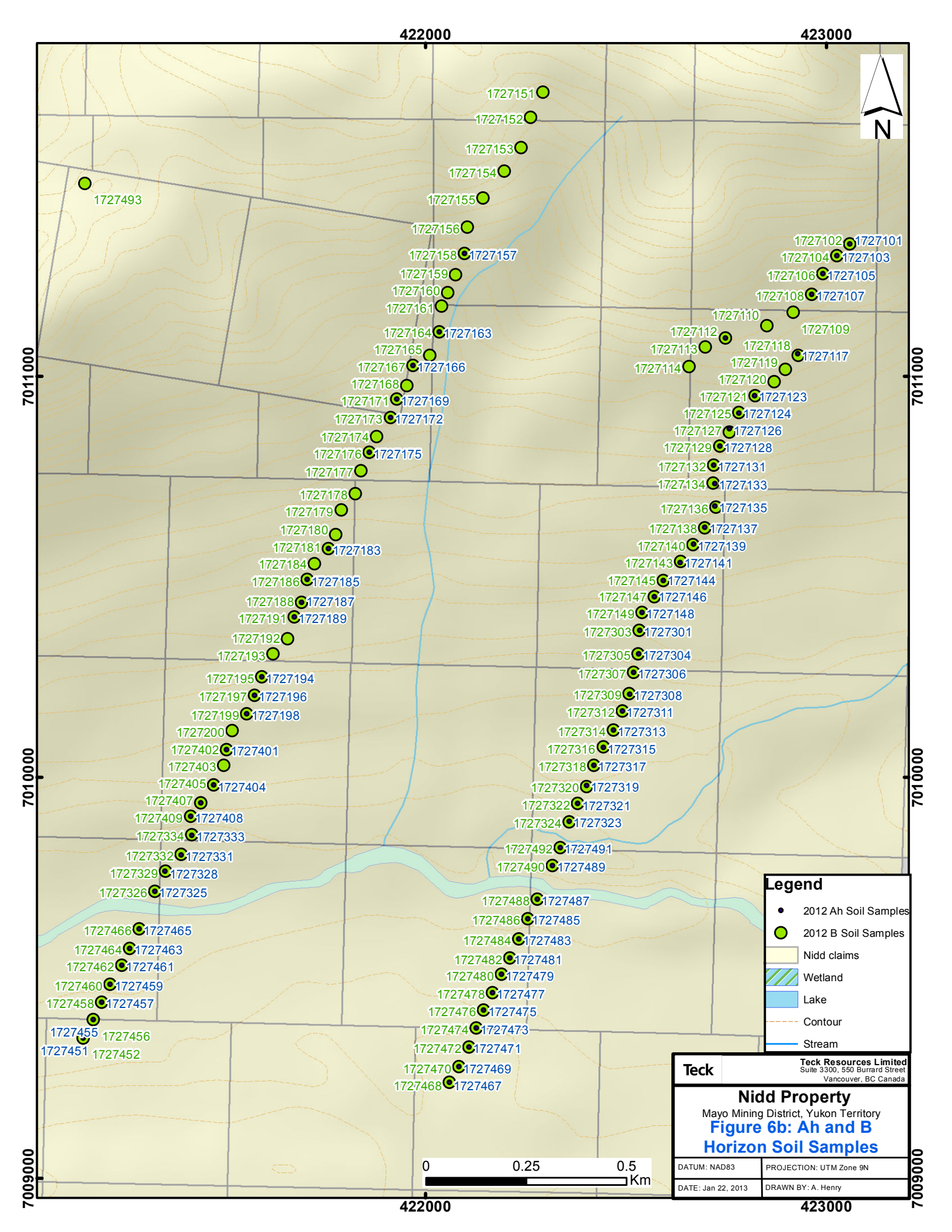
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada

Nidd Property

Mayo Mining District, Yukon Territory

Figure 6a: 2012 Surface Work

DATUM: NAD83	PROJECTION: UTM Zone 9N
DATE: Jan 21, 2013	DRAWN BY: A. Henry


422000
423000
7011000
7010000
7009000
N
1727151
1727152
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1727158
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1727474
1727473
1727472
1727471
1727470
1727469
1727468
1727467
Legend
2012 Ah Soil Samples
2012 B Soil Samples
Nidd claims
Wetland
Lake
Contour
Stream
0
0.25
0.5
Km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Nidd Property
Mayo Mining District, Yukon Territory
Figure 6b: Ah and B Horizon Soil Samples
DATUM: NAD83
PROJECTION: UTM Zone 9N
DATE: Jan 22, 2013
DRAWN BY: A. Henry

416000 418000 420000 422000 424000

7014000 7012000 7010000

1727012
1727201
1727203
1727205
1727204
1727206
1727049
1727207
1727208
1727209
1727016
1727048
1727047
1727015
1727212
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1727011
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1727261
1727263
1727264
1727265
1727005
1727003
1727004
1727006
1727008
1727053
1727051
1727266
1727268
1727267
1727269
1727271
1727002
1727001
1727007

N

Legend

- 2012 Rock Samples
- 2012 Stream Samples
- Stream
- Contour
- Lake
- Wetland

Teck Tenure

- Teck Tenure

0 0.5 1 Km

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Nidd Property

Mayo Mining District, Yukon Territory

Figure 6c: Rock and Stream Samples on west Nidd

DATUM: NAD83	PROJECTION: UTM Zone 9N
DATE: Jan 21, 2013	DRAWN BY: A. Henry

424000 426000 428000 430000 432000

7012000 7010000 7008000

1727017 1727018 1727014 1727023 1727024 1727019 1727020 1727022 1727021 1727040 1727029 1727032 1727013 1727031 1727033 1727034 1727037 1727038 1727039 1727025 1727026 1727035 1727027 1727028

1727233 1727234 1727236 1727246 1727235 1727237 1727238 1727239 1727240 1727241 1727243 1727244 1727245 1727247 1727248 1727249

N

Legend

- 2012 Rock Samples
- 2012 Stream Samples
- Stream
- Contour
- Lake
- Wetland

Teck Tenure

- Teck Tenure

0 0.5 1 Km

Teck

Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada

Nidd Property

Mayo Mining District, Yukon Territory

Figure 6d: Rock and Stream Samples on east Nidd

DATUM: NAD83	PROJECTION: UTM Zone 9N
DATE: Jan 21, 2013	DRAWN BY: A. Henry

10 INTERPRETATION AND CONCLUSIONS

10.1 Soil Sampling Results

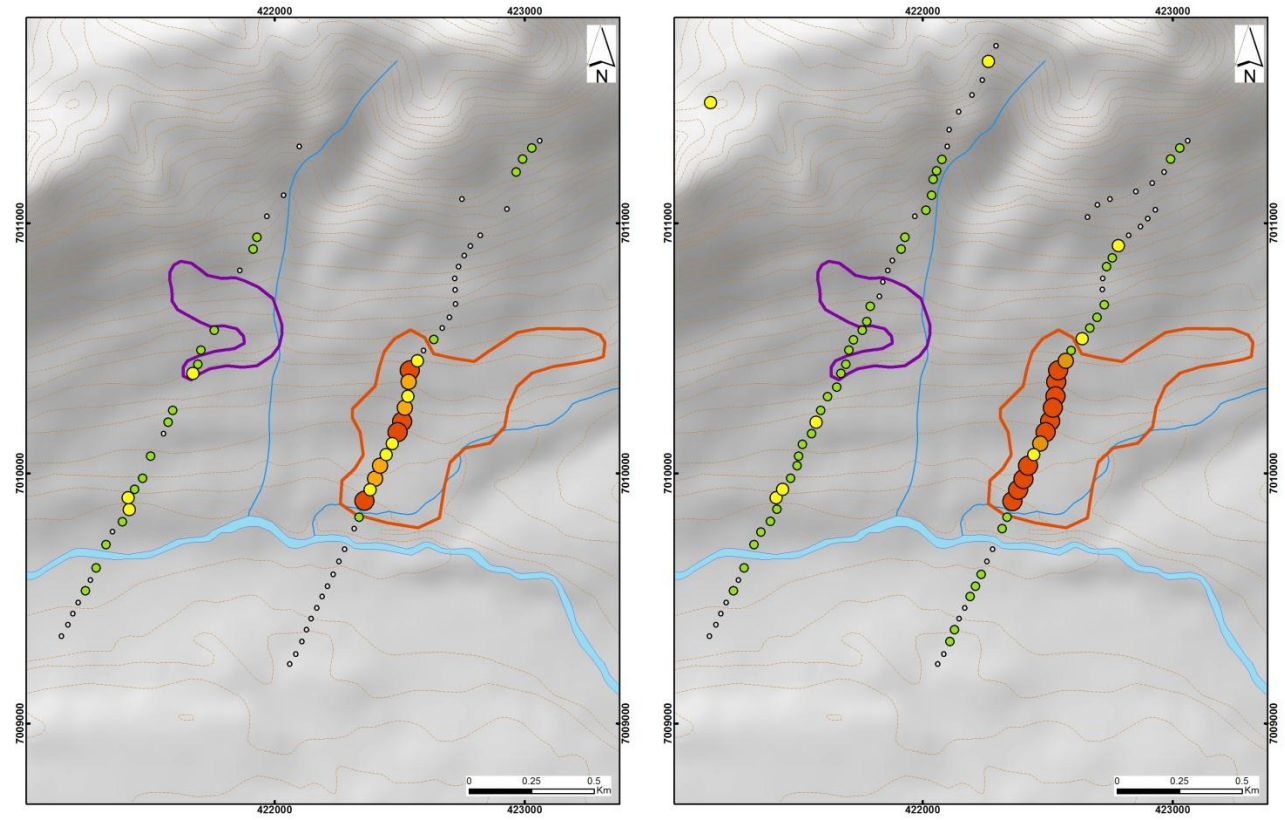
In total, 71 Ah and 100 B horizon samples were collected on the Nidd property, mostly from 50m stations along two soil lines spaced approximately 800m apart (Figure 6b). The eastern line crosses the surface projection of the Boundary Creek mineralization in an area coincident with historic soil Zn results (Figure 7a). The western line similarly crosses a historic Pb soil anomaly (Figure 7a). The survey was conducted in order to determine whether the Ah or B horizon provides better detection of mineralization. Laboratory analytical certificates for the soil samples are located in Appendix III.

The sampling and analytical methods employed here are meant to detect ionic anomalies formed as a result of oxidation processes at the top of an underlying sulfide source. Previous work (e.g. Heberlein, 2011) has shown that these responses can be detected through up to 300m of cover using a combination of Ah horizon samples and an ultra-trace aqua regia analysis (such as Acme's Group 1F). The Ah horizon has the ability to trap mobile ions that migrate vertically from a deep source, as it is rich in humic (organic) acids. These ions are trapped with the acids to form metal organic compounds (Heberlein, 2011).

Historic compiled soil data for the Nidd property was compared to the results from the 2012 sampling. In the case of Zn, both the B and Ah horizons from 2012 sampling correspond very strongly with the historic Zn anomaly, and they display similar absolute values in ppm to the historic data (> 1000 ppm to ~4900 ppm; Figure 7a). In the case of Pb, the B horizon samples show a slight anomaly coincident with the historic Pb anomaly (> 100 ppm to 2700 ppm), but the Ah horizon does not (Figure 7b). As with Zn, the absolute values of Pb (ppm) are similar between the 2012 data and historic data. From both Ah and B horizon results, there is a strong Ba anomaly on the westernmost line (Figure 7c; it should be noted that aqua regia-ICP analysis for Ba as barite is not ideal – XRF is preferred). This barite soil anomaly is found directly downslope from a barite horizon which outcrops in the ridge to the north in Fuller Lake Member (DF) rocks, and is likely remobilized from this elevated source. Interestingly, there is no Ba associated with the Zn anomaly on the eastern line, directly above the known Boundary Creek mineralization. There are no Ag anomalies in either the Ah or B horizons associated with the known mineralization along the eastern soil line (Figure 7d). However, there is a weak Ag anomaly in the B horizon soils (also roughly observed in the historic soil data) which is associated with the historic Pb anomaly on the western soil line (and potentially the western extension of mineralization at Boundary Creek), which warrants further investigation (Figure 7d). There are no significant Au or Cu anomalies in either the B or Ah horizons along either of the soil lines.

B horizon soils are widespread on mid and lower slopes on much of the Nidd property; however, at the lower elevations within the Hess Creek Valley (at the southern extent of the two soil lines) the predominance of transported material makes conventional B horizon sample results unreliable. As evident in Figure 6b, Ah horizon development can be sporadic, and some areas do not contain any Ah material, despite digging multiple test holes over several square meters. So, while both Ah and B horizons are effective at identifying underlying mineralization in the Nidd area, B horizons may be the preferred sample medium as they are more widespread, and tend to directly detect both Zn and Pb.

In conclusion, there appears to be conflicting geochemical responses over known and inferred mineralization in the area, but the available data suggests that mineralization is open to the west (and potentially to the south) of the historic drilling, which was quite limited in extent. Future work should include new soil sampling to fill historic data "holes", target generation, and drilling to test the western and lower extents of mineralization at Boundary Creek.



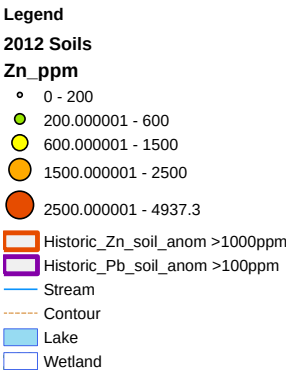
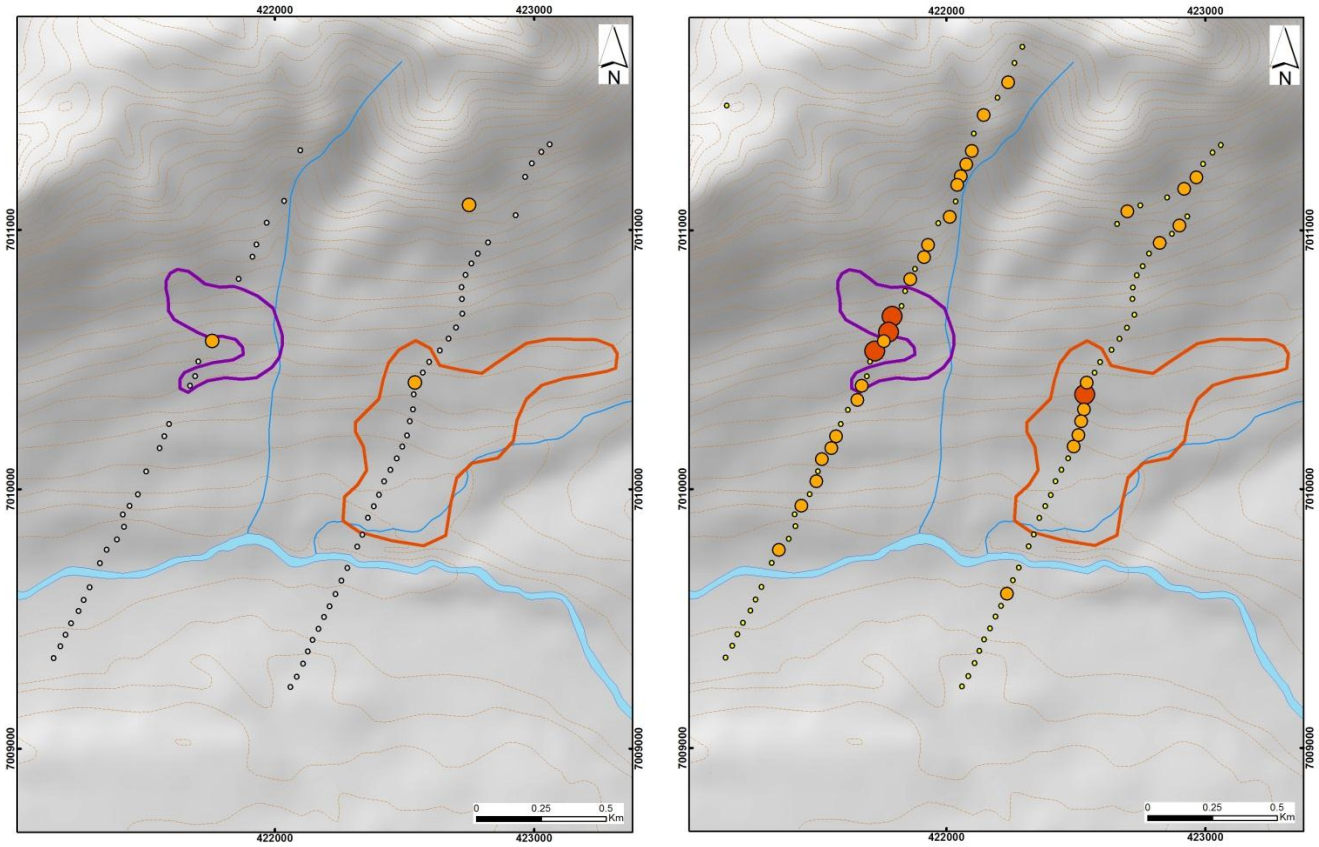


Figure 7a: *Zn in Ah (left) and B (right) soil horizons. Historic Pb and Zn soil anomalies are outlined in purple and red, respectively.*



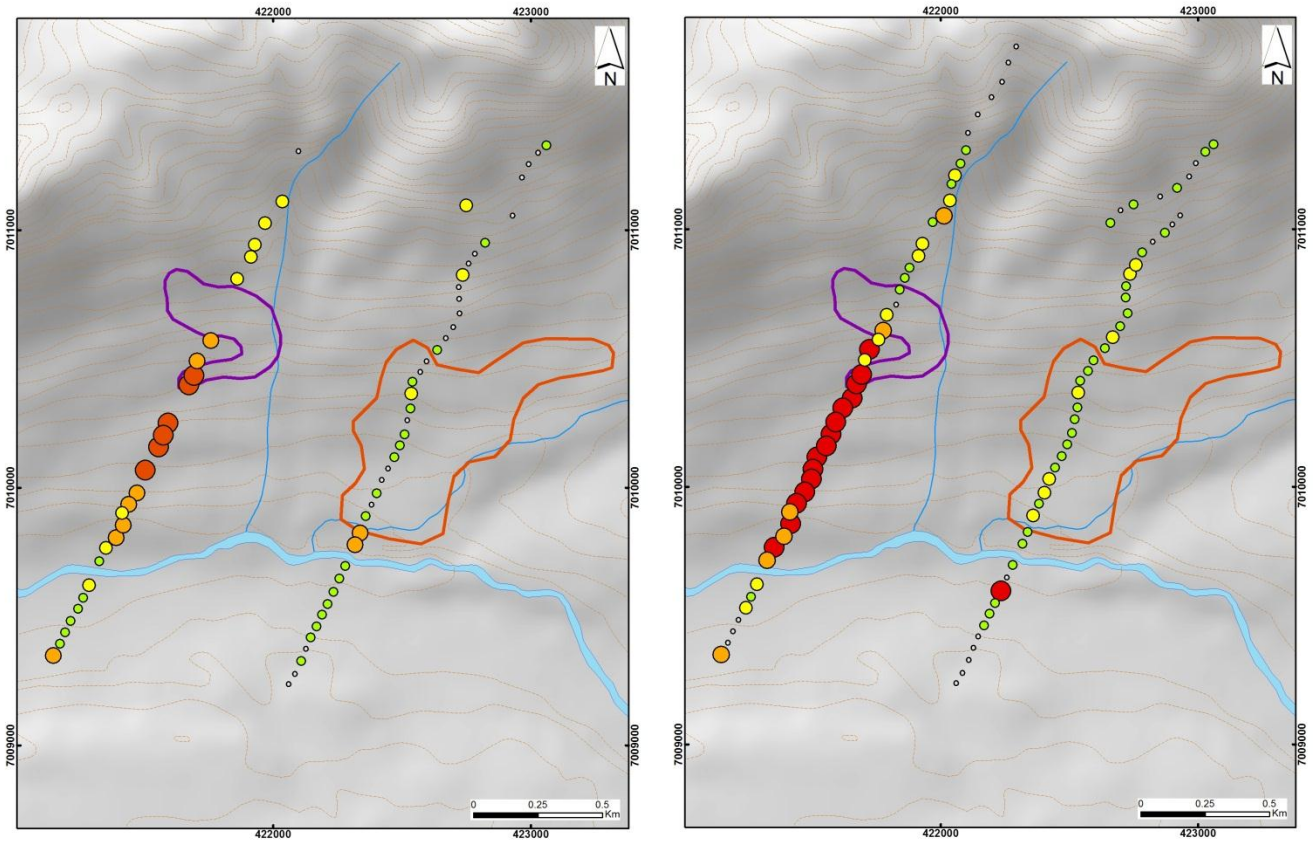
Legend

2012 Soils

Pb_ppm

- 0 - 40
- 40.000001 - 100
- 100.000001 - 195.71
- Historic_Zn_soil_anom >1000ppm
- Historic_Pb_soil_anom >100ppm
- Stream
- Contour
- Lake
- Wetland

Figure 7b: *Pb in Ah (left) and B (right) soil horizons. Historic Pb and Zn soil anomalies are outlined in purple and red, respectively.*



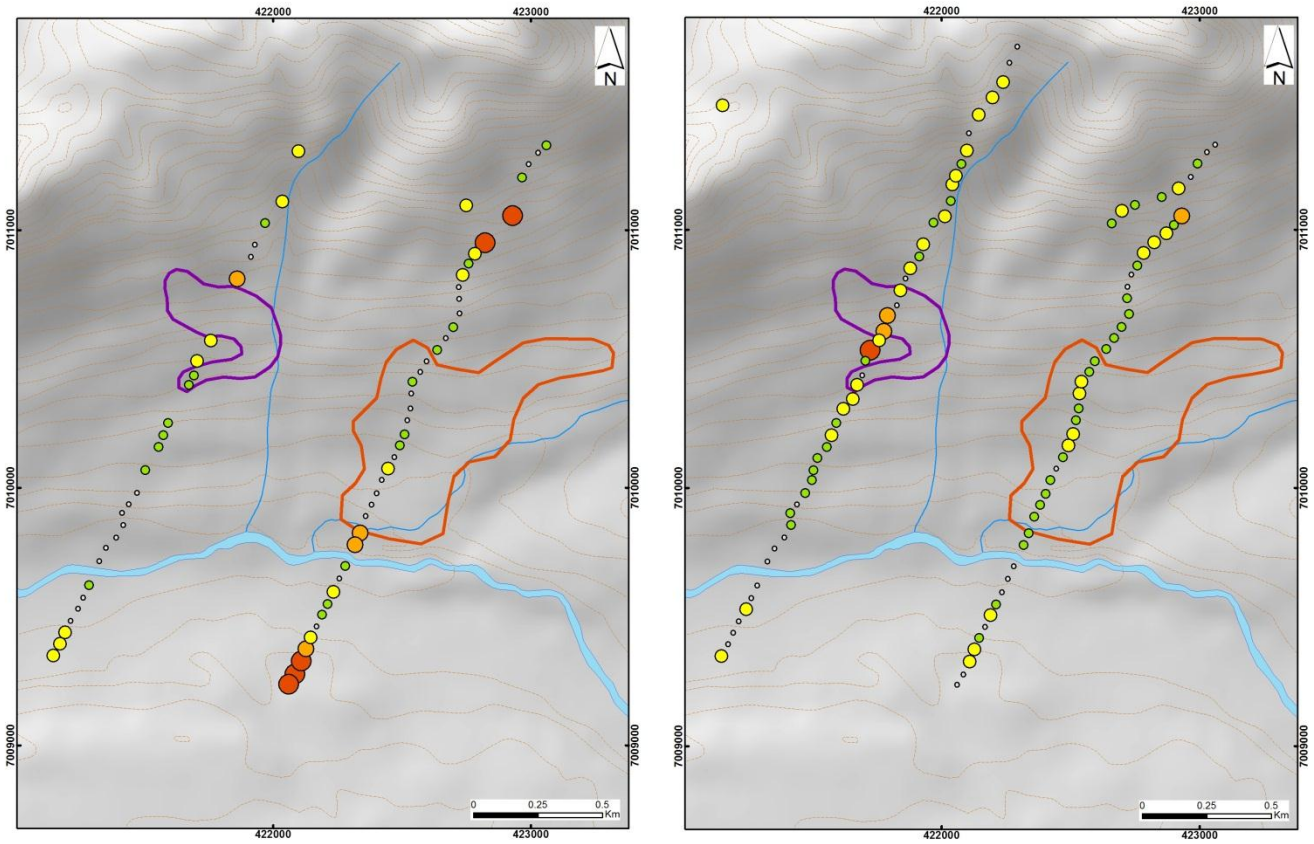
Legend

2012 Soils

Ba_ppm

- 0 - 200
- 200.000001 - 400
- 400.000001 - 800
- 800.000001 - 1400
- 1400.000001 - 4370.1
- Historic_Zn_soil_anom >1000ppm
- Historic_Pb_soil_anom >100ppm
- Stream
- Contour
- Lake
- Wetland

Figure 7c: *Ba in Ah (left) and B (right) soil horizons. Historic Pb and Zn soil anomalies are outlined in purple and red, respectively.*



Legend

2012 Soils

Ag_ppm

- 0 - 0.50
- 0.500001 - 1.00
- 1.000001 - 2.50
- 2.500001 - 4.50
- 4.500001 - 10.28
- Historic_Zn_soil_anom >1000ppm
- Historic_Pb_soil_anom >100ppm
- Stream
- Contour
- Lake
- Wetland

Figure 7d: *Ag in Ah (left) and B (right) soil horizons. Historic Pb and Zn soil anomalies are outlined in purple and red, respectively.*

10.2 Stream Sampling Results

Though a few of the proposed drainages on the Nidd property were not suitable for sampling during the 2012 program, either due to difficulties involving access, time constraints, or lack of material to sample, 42 stream sediment samples were successfully collected. Laboratory analytical certificates for the stream sediment samples are located in Appendix IV.

In contrast to the rock results (see below), there was no substantial correlation between Zn and Ba values in the stream sediment samples, although both elements (as well as Ag) displayed the highest values in basins draining predominantly Portrait Lake Formation lithologies (Figures 8a and b). Elevated Zn levels in the western extents of the property correlate to the Eleven Creek area, which has previously seen limited geochemical and drill activity (e.g. Rhodes, 1991). No significant Pb, Au, or Cu values were observed on the property (Figures 8a and b). No further stream sediment sampling is recommended at this time. Drainages with high Zn and Ba values should be prospected to determine the source of the anomalies, in the event that previously undocumented mineralization may exist.

10.3 Prospecting Results

Limited prospecting was carried out during the 2012 program in conjunction with the soil and stream geochemical surveys. A total of 56 rock samples were collected on the property (Figures 6a, c, and d), in an attempt to characterize each of the rock types mapped by Abbott (2012). Detailed rock descriptions for each of these samples are found in Appendix V, with laboratory analytical certificates in Appendix VI. Prospecting confirmed the quality and accuracy of Abbott's map (2012), with good correlation of mapped geological boundaries compared to those observed in outcrop.

The highest values for Zn and Ba were found in the Fuller Lake Member (DF) of the Portrait Lake Formation, which contains several intermittent barite horizons, and in the Sapper Formation (SDs) (Figure 9a and b). The elevated values within the Sapper Formation appear to be spatially associated with the Macmillan Pass volcanics (Dv). Local elevated Ag values are found in the Macmillan Pass Member (DMsh) where it is in contact with the volcanics (Figure 9c).

No significant Pb, Au, or Cu values were observed on the property. The Central Block appears to be the most favorable for Pb-Zn mineralization, especially within the Portrait Lake and Sapper Formations. Within the latter, proximity to the Macmillan Pass volcanics appears to be an important factor. More detailed mapping and prospecting is recommended to trace mineralized horizons at surface, and to better understand the geology in lower, more vegetated areas.

416000 418000 420000 422000 424000 426000 428000 430000

7014000 7012000 7010000 7008000 7006000

N

Legend

- 2012 Stream Samples
- Stream
- Contour
- Lake
- Wetland
- Teck

Zn ppm
Pb ppm
Ba ppm

Mac_Pass_Geology

UNIT_ORIG Abbott (2012)

- COG
- CPMC
- DF
- DI
- DMcg
- DMsh
- DN
- Di
- Dv
- Kg
- MTsh
- OSD
- PCV
- SDS
- SS

0 0.75 1.5 Km

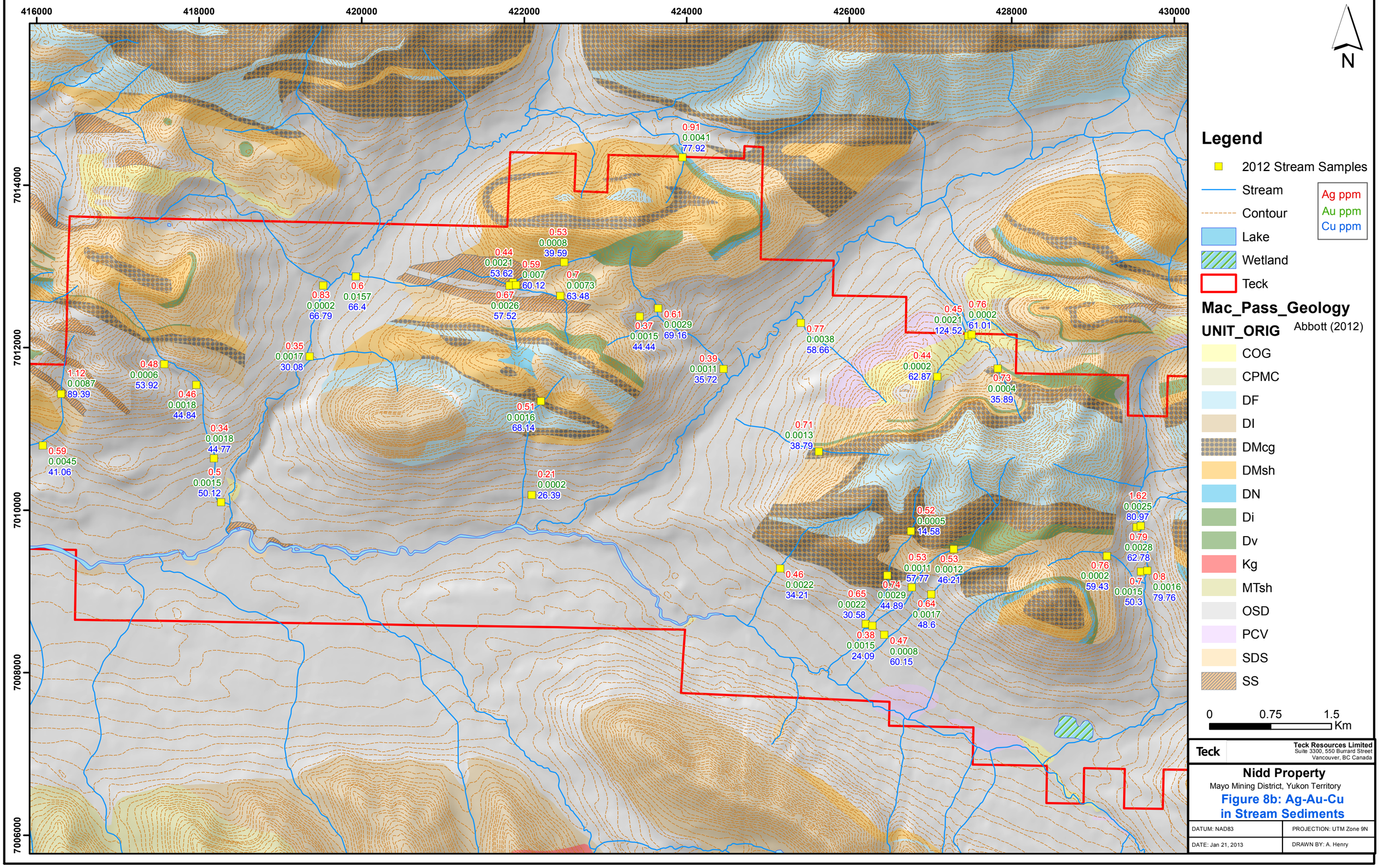
Teck	**Teck Resources Limited** Suite 3300, 550 Burrard Street Vancouver, BC Canada

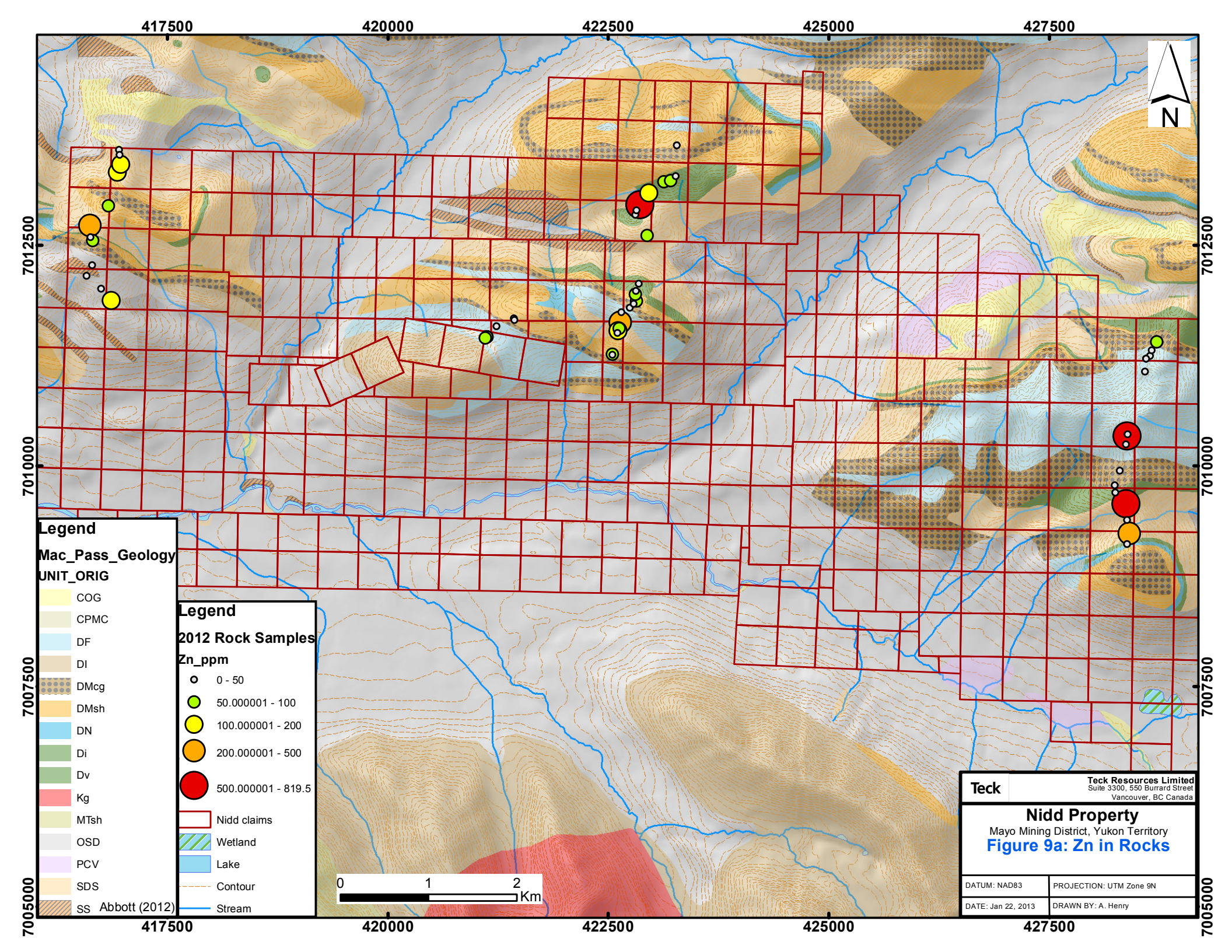
Nidd Property

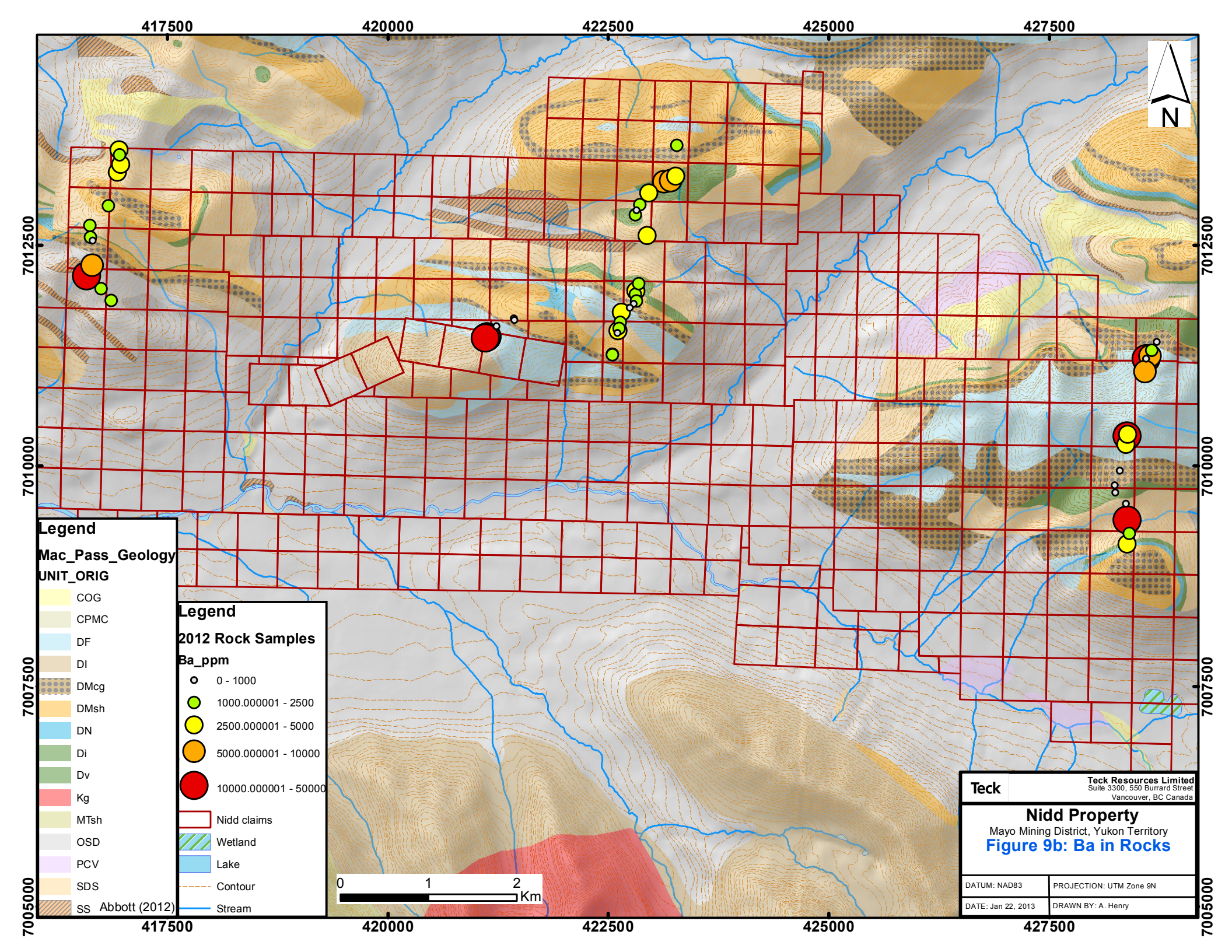
Mayo Mining District, Yukon Territory

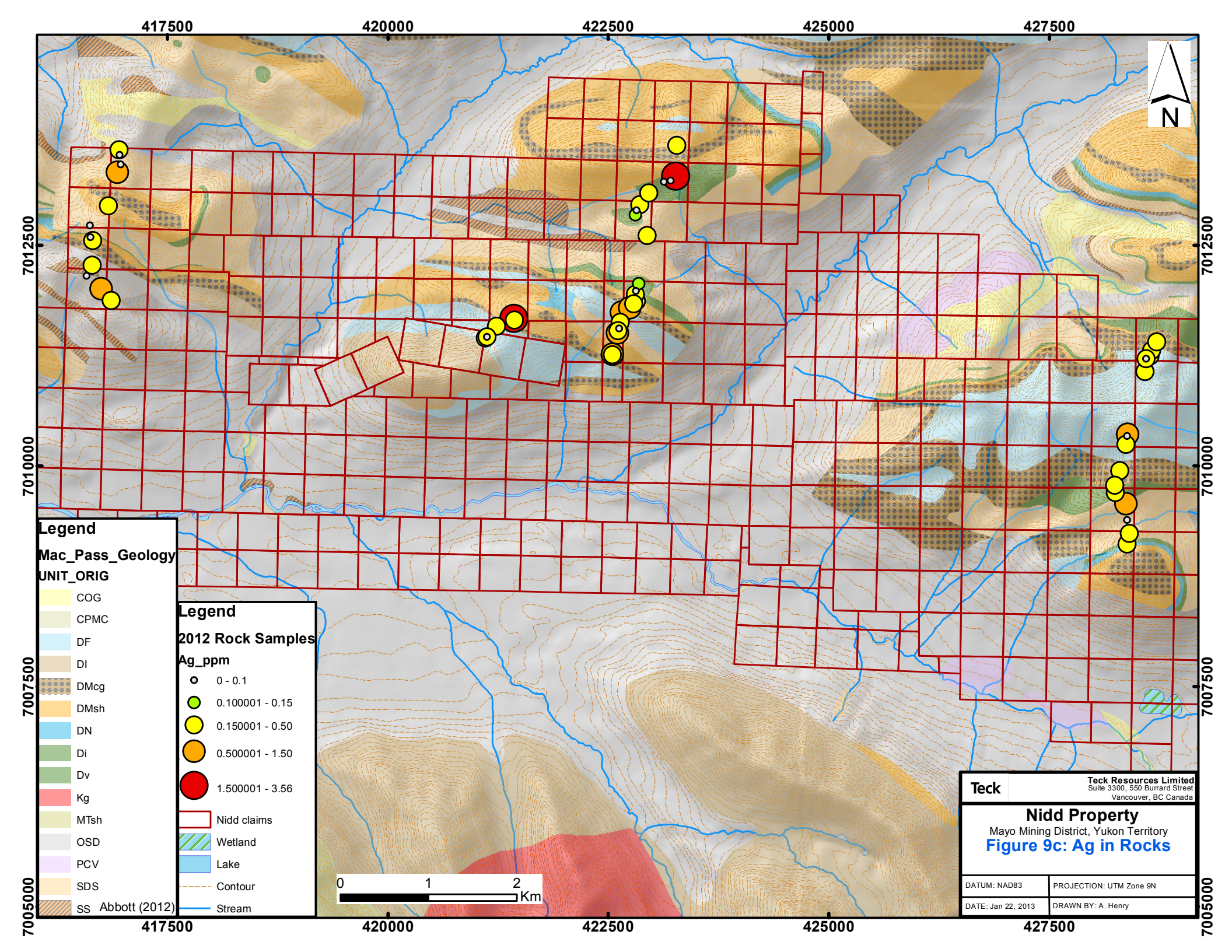
Figure 8a: Zn-Pb-Ba in Stream Sediments

DATUM: NAD83	PROJECTION: UTM Zone 9N
DATE: Jan 21, 2013	DRAWN BY: A. Henry


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7012000
7010000
7008000
7006000
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0.91
0.0041
77.92
0.53
0.0008
39.59
0.44
0.0021
53.62
0.59
0.007
60.12
0.7
0.0073
63.48
0.67
0.0026
57.52
0.83
0.0002
66.79
0.6
0.0157
66.4
0.61
0.0029
69.16
0.37
0.0015
44.44
0.35
0.0017
30.08
0.48
0.0006
53.92
1.12
0.0087
89.39
0.46
0.0018
44.84
0.39
0.0011
35.72
0.51
0.0016
68.14
0.34
0.0018
44.77
0.59
0.0045
41.06
0.5
0.0015
50.12
0.21
0.0002
26.39
0.77
0.0038
58.66
0.45
0.0021
124.52
0.76
0.0002
61.01
0.44
0.0002
62.87
0.73
0.0004
35.89
0.71
0.0013
38.79
0.52
0.0005
14.58
0.53
0.0011
57.77
0.53
0.0012
46.21
0.46
0.0022
34.21
0.74
0.0029
44.89
0.65
0.0022
30.58
0.64
0.0017
48.6
0.38
0.0015
24.09
0.47
0.0008
60.15
1.62
0.0025
80.97
0.79
0.0028
62.78
0.76
0.0002
59.43
0.7
0.0015
50.3
0.8
0.0016
79.76
Legend
2012 Stream Samples
Stream
Contour
Lake
Wetland
Teck
Ag ppm
Au ppm
Cu ppm
Mac_Pass_Geology
UNIT_ORIG
Abbott (2012)
COG
CPMC
DF
DI
DMcg
DMsh
DN
Di
Dv
Kg
MTsh
OSD
PCV
SDS
SS
0
0.75
1.5
Km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Nidd Property
Mayo Mining District, Yukon Territory
Figure 8b: Ag-Au-Cu in Stream Sediments
DATUM: NAD83
PROJECTION: UTM Zone 9N
DATE: Jan 21, 2013
DRAWN BY: A. Henry


417500
420000
422500
425000
427500
7012500
7010000
7007500
7005000
N
Legend
Mac_Pass_Geology
UNIT_ORIG
COG
CPMC
DF
DI
DMcg
DMsh
DN
Di
Dv
Kg
MTsh
OSD
PCV
SDS
SS
Abbott (2012)
Legend
2012 Rock Samples
Zn_ppm
0 - 50
50.000001 - 100
100.000001 - 200
200.000001 - 500
500.000001 - 819.5
Nidd claims
Wetland
Lake
Contour
Stream
0
1
2
Km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Nidd Property
Mayo Mining District, Yukon Territory
Figure 9a: Zn in Rocks
DATUM: NAD83
PROJECTION: UTM Zone 9N
DATE: Jan 22, 2013
DRAWN BY: A. Henry


417500
420000
422500
425000
427500
7012500
7010000
7007500
7005000
N
Legend
Mac_Pass_Geology
UNIT_ORIG
COG
CPMC
DF
DI
DMcg
DMsh
DN
Di
Dv
Kg
MTsh
OSD
PCV
SDS
SS
Abbott (2012)
Legend
2012 Rock Samples
Ba_ppm
0 - 1000
1000.000001 - 2500
2500.000001 - 5000
5000.000001 - 10000
10000.000001 - 50000
Nidd claims
Wetland
Lake
Contour
Stream
0
1
2
Km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Nidd Property
Mayo Mining District, Yukon Territory
Figure 9b: Ba in Rocks
DATUM: NAD83
PROJECTION: UTM Zone 9N
DATE: Jan 22, 2013
DRAWN BY: A. Henry


417500
420000
422500
425000
427500
7012500
7010000
7007500
7005000
N
Legend
Mac_Pass_Geology
UNIT_ORIG
COG
CPMC
DF
DI
DMcg
DMsh
DN
Di
Dv
Kg
MTsh
OSD
PCV
SDS
SS
Abbott (2012)
Legend
2012 Rock Samples
Ag_ppm
0 - 0.1
0.100001 - 0.15
0.150001 - 0.50
0.500001 - 1.50
1.500001 - 3.56
Nidd claims
Wetland
Lake
Contour
Stream
0
1
2
Km
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Nidd Property
Mayo Mining District, Yukon Territory
Figure 9c: Ag in Rocks
DATUM: NAD83
PROJECTION: UTM Zone 9N
DATE: Jan 22, 2013
DRAWN BY: A. Henry

11 RECOMMENDATIONS

There is a Pb-Ag soil anomaly directly uphill from a coincident Ba soil-pH anomaly on the western soil line, which suggests a western continuation of the Boundary Creek mineralization. Neither of these anomalies has been drill tested (all previous drilling stopped further north and east); therefore, the Boundary Creek mineralized system is open to the west and at depth. Along the eastern 2012 soil line, the main Zn-(Pb) soil anomaly lies south (and downslope) of most historic drill holes. While there is potential that the geochemical anomalies are transported down-slope, an interpretation of the 2012 pH data suggests a sulphide source located directly below the geochemical anomaly, which remains poorly tested by drilling.

With respect to geophysical coverage of the property, it would be beneficial to have complete property coverage for both EM and gravity, focussing specifically on the Portrait Lake Formation. Further discussions and investigation will determine whether it will be more advantageous to conduct these as airborne or ground surveys.

There are several areas on the Nidd property (e.g. Eleven Creek along the western edge) which have anomalous stream sediment results indicating a Zn-Pb system but have been only partially covered by historic soil sampling, some of which has no associated data and/or incomplete results. Many of these anomalous drainages and areas on Nidd warrant detailed mapping, prospecting, and new soil sampling (using B horizons for both, although Ah is an acceptable alternative if B is unobtainable) to better constrain the source of the anomalies. Areas proximal to newly identified barite (+-Zn-Pb) occurrences require additional mapping, and rock and soil sampling.

12 REFERENCES

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APPENDIX I

STATEMENT OF QUALIFICATIONS

Statement of Qualifications

I, Amber Henry, M.Sc., B.Sc. Honours, do hereby certify that:

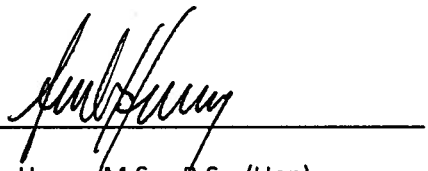
- I am a Project Geologist currently employed by Teck Resources Ltd., 3300-550 Burrard Street, Vancouver, BC, V6C 0B3 (business phone 604-699-4448)

- I am a graduate of the University of British Columbia, Canada, with a research based Masters of Science, completed in 2008.

- I am a graduate of the University of Alberta, Canada, with a Bachelor of Science with Honours in Geology, completed in 2002.

- I have been practicing my profession since graduation in 2002 as a geologist in Canada, the U.S., and Mexico.

- I was a project geologist at the Nidd property in 2012; I am responsible for the preparation of this report; and the data contained in this report, and interpretations drawn from it, are true and accurate to the best of my knowledge.



Amber Henry, M.Sc., B.Sc. (Hon)

Dated Feb 28, 2013

at Vancouver, British Columbia, Canada

APPENDIX II

STATEMENT OF EXPENDITURES

Expenditures for Nidd Property, September 2012	
Helicopter + fuel	$66,620.82
Fixed Wing	$15,429.00
Wages	$44,967.27
Assaying	$11,117.49
Field Costs, Supplies	$9,781.64
Rental Truck	$2,623.17
Equipment Rentals	$1,401.79
Accommodation + Meals + Travel	$36,025.78
Maps + Prints	$2,250.00
Total:	**$190,216.96**

APPENDIX III

SOIL GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Amber Henry
Receiving Lab: Canada-Whitehorse
Received: September 12, 2012
Report Date: November 01, 2012
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI12000865.1

CLIENT JOB INFORMATION

Project: 204500
Shipment ID: NID_2012_002
P.O. Number
Number of Samples: 187

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	187	Dry at 60C			WHI
SS80	179	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	179	Saving all or part of Soil Reject			WHI
1F06	130	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
1F05	32	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
1F04	28	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
2A05	187	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC: Randy Farmer
Randy Farmer and Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727101	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727102	Soil		23.10	46.28	36.70	165.3	490	90.2	9.3	184	2.20	29.0	2.6	4.5	0.8	73.4	0.92	9.11	0.34	72	0.46	0.111
1727103	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727104	Soil		48.60	59.13	28.08	485.6	471	150.6	16.5	348	3.15	30.2	3.8	2.4	1.6	57.0	3.68	8.90	0.22	83	0.75	0.114
1727105	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727106	Soil		47.02	72.56	35.53	559.8	807	212.2	16.7	355	3.09	30.0	2.9	2.8	1.6	112.0	5.84	10.15	0.22	78	1.77	0.194
1727107	Soil		5.97	61.78	26.56	311.9	884	42.7	14.2	130	1.57	9.4	1.4	0.9	0.2	50.9	30.53	4.20	0.30	46	0.71	0.096
1727108	Soil		12.35	43.25	65.86	182.4	237	59.8	11.8	363	4.24	41.1	1.0	1.1	0.5	22.2	3.87	17.41	0.25	99	0.20	0.063
1727109	Soil		15.13	39.18	98.02	84.0	1176	34.3	5.5	67	2.01	20.2	1.7	2.0	0.1	36.6	1.86	6.36	0.30	55	0.01	0.110
1727110	Soil		0.19	1.47	1.30	3.8	648	1.3	0.3	7	0.13	<0.1	<0.1	<0.2	<0.1	4.0	0.05	0.03	0.38	4	0.02	0.025
1727111	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727112	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727113	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727114	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727115	Rock Pulp		4.95	>10000	4519	>10000	36630	27.4	166.9	737	19.67	90.5	0.8	116.6	2.9	5.5	135.3	3.28	36.20	28	0.59	0.020
1727116	Soil		2.08	80.94	9.20	192.8	404	68.6	9.2	209	1.76	8.6	0.8	0.5	4.2	130.1	0.84	5.13	0.14	14	5.87	0.070
1727117	Soil		1.19	12.11	11.31	34.8	6534	5.8	1.0	13	0.35	1.2	0.3	0.9	<0.1	9.2	2.11	0.22	0.19	8	0.03	0.062
1727118	Soil		1.13	19.27	9.07	9.6	3424	3.7	0.6	11	0.30	2.2	0.4	0.5	<0.1	6.3	1.26	0.34	0.13	9	0.01	0.016
1727119	Soil		6.00	5.02	54.11	10.7	921	3.5	0.6	7	0.75	7.6	0.2	1.0	0.3	14.7	0.04	1.99	0.16	25	<0.01	0.020
1727120	Soil		14.17	110.1	32.32	162.4	1528	81.9	9.0	130	2.94	35.2	3.6	5.9	2.4	62.5	0.49	6.77	0.31	74	0.09	0.155
1727121	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727122	Soil		33.78	25.73	99.66	86.2	3728	29.8	3.2	42	2.62	84.8	1.0	3.1	1.9	66.5	0.21	11.23	0.24	138	<0.01	0.065
1727123	Soil		0.68	18.69	9.15	30.9	8011	9.8	1.2	11	0.31	0.2	0.4	<0.2	<0.1	28.4	1.44	0.20	0.11	8	0.06	0.050
1727124	Soil		1.09	9.76	5.64	45.1	1683	13.9	5.4	76	0.35	1.6	0.2	0.3	0.1	74.8	10.80	0.40	0.08	7	0.89	0.106
1727125	Soil		4.85	82.23	25.34	694.4	1373	201.7	46.0	2794	8.07	40.0	2.3	1.3	0.9	137.7	5.29	3.25	0.11	130	0.96	0.147
1727126	Soil		1.23	14.89	2.89	106.4	550	23.0	2.9	158	0.37	1.3	0.4	<0.2	0.2	110.1	10.06	0.63	0.09	6	1.65	0.084
1727127	Soil		6.38	55.22	18.97	214.0	803	95.3	19.4	992	3.92	19.1	2.3	3.0	1.2	89.4	3.13	3.44	0.16	79	0.83	0.121
1727128	Soil		2.81	22.65	12.66	39.9	1187	41.3	6.7	69	1.16	4.7	1.5	0.5	0.5	76.4	7.28	0.93	0.14	23	0.45	0.104
1727129	Soil		8.15	66.46	27.30	218.9	492	126.9	33.1	1049	4.26	27.1	2.2	1.5	1.4	67.3	3.38	2.99	0.27	104	0.41	0.117
1727130	Rock Pulp		5.18	>10000	4766	>10000	38111	30.2	181.3	769	20.40	99.7	0.9	165.8	3.1	5.8	143.1	3.66	38.64	28	0.60	0.022

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727101	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727102	Soil	3.5	24.8	0.10	301.4	0.005	4	0.58	0.009	0.04	<0.1	2.6	0.33	0.06	386	3.3	0.11	2.1	1.11	<0.1	0.04
1727103	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727104	Soil	3.2	22.4	0.11	211.6	0.003	1	0.52	0.002	0.03	0.1	3.7	0.51	0.05	532	2.5	0.14	1.1	0.74	<0.1	0.03
1727105	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727106	Soil	4.1	23.2	0.59	193.7	0.004	5	0.54	0.005	0.03	<0.1	5.0	0.48	0.04	559	3.6	0.11	1.0	0.91	<0.1	0.08
1727107	Soil	7.7	12.6	0.03	171.7	0.011	2	0.79	0.007	0.03	0.1	0.9	0.15	0.07	27	0.5	0.03	3.2	1.95	<0.1	0.02
1727108	Soil	6.8	29.4	0.06	119.1	0.004	<1	0.69	0.004	0.05	0.1	1.7	0.23	0.03	38	1.4	0.08	3.1	1.41	<0.1	<0.02
1727109	Soil	9.0	18.6	0.03	245.1	0.007	<1	0.58	0.011	0.06	0.1	0.9	0.58	0.06	297	2.6	0.09	3.3	2.38	<0.1	<0.02
1727110	Soil	<0.5	2.8	<0.01	9.1	0.008	2	0.12	0.028	0.02	<0.1	0.1	<0.02	<0.02	56	<0.1	<0.02	0.5	0.06	<0.1	<0.02
1727111	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727112	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727113	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727114	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727115	Rock Pulp	9.4	18.9	1.19	13.8	0.044	4	1.42	0.027	0.17	14.1	3.0	2.30	>10	8116	17.3	0.29	11.9	0.59	0.1	0.28
1727116	Soil	4.3	13.1	2.74	156.9	<0.001	3	0.12	0.002	0.06	<0.1	4.8	0.09	<0.02	212	1.6	0.03	0.3	0.81	<0.1	0.20
1727117	Soil	1.8	5.1	0.02	179.2	0.003	1	0.30	0.018	0.03	<0.1	0.2	0.05	0.04	191	0.2	<0.02	0.7	0.31	<0.1	<0.02
1727118	Soil	5.2	5.5	<0.01	106.1	0.005	<1	0.44	0.008	0.01	<0.1	0.2	0.08	<0.02	172	0.1	<0.02	1.3	0.50	<0.1	0.02
1727119	Soil	2.1	4.6	<0.01	98.0	0.003	2	0.25	0.004	0.09	<0.1	0.3	0.28	0.17	52	0.6	<0.02	1.7	0.85	<0.1	<0.02
1727120	Soil	15.3	29.2	0.07	290.0	0.006	3	1.03	0.002	0.08	0.1	3.4	0.47	0.03	200	3.5	0.20	3.7	2.13	<0.1	0.06
1727121	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727122	Soil	10.2	25.3	0.01	189.3	0.007	<1	0.39	0.003	0.04	<0.1	1.0	0.60	0.05	836	5.7	0.54	3.6	1.85	<0.1	<0.02
1727123	Soil	1.2	3.4	0.02	350.3	0.008	2	0.21	0.019	0.03	<0.1	0.4	0.08	0.04	115	0.5	<0.02	0.6	0.50	<0.1	<0.02
1727124	Soil	0.9	8.9	0.06	125.8	0.005	4	0.11	0.004	0.06	<0.1	0.9	0.15	0.20	243	0.4	<0.02	0.5	0.87	<0.1	0.03
1727125	Soil	7.5	205.8	0.27	304.6	0.010	<1	1.53	0.011	0.04	<0.1	20.3	0.26	0.07	389	2.0	0.03	5.0	3.67	<0.1	0.07
1727126	Soil	1.0	9.2	0.21	151.4	0.004	4	0.18	0.003	0.02	<0.1	1.1	0.07	0.22	169	0.5	<0.02	0.4	0.24	<0.1	0.05
1727127	Soil	9.3	81.0	0.17	418.2	0.008	4	0.90	0.009	0.07	<0.1	7.0	0.19	0.05	216	1.5	0.04	3.3	0.95	<0.1	0.03
1727128	Soil	4.1	17.0	0.03	492.0	0.010	1	0.46	0.008	0.04	<0.1	3.1	0.08	0.13	167	0.9	<0.02	1.6	0.35	<0.1	0.05
1727129	Soil	12.4	94.2	0.12	631.0	0.007	2	1.10	<0.001	0.06	0.2	6.9	0.26	0.04	84	0.5	0.05	3.8	1.35	<0.1	0.02
1727130	Rock Pulp	9.8	20.6	1.20	14.4	0.047	5	1.44	0.027	0.18	14.7	3.0	2.48	>10	7114	19.2	0.29	12.8	0.63	0.1	0.27

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727101	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727102	Soil	0.25	4.5	1.8	<0.05	1.4	9.27	6.2	0.03	3	0.5	3.1	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727103	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727104	Soil	0.15	3.9	1.1	<0.05	2.3	16.31	6.7	0.03	<1	0.6	3.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727105	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727106	Soil	0.16	5.0	0.5	<0.05	3.1	19.52	8.4	0.04	2	0.8	2.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727107	Soil	0.46	7.8	1.1	<0.05	0.7	2.28	14.7	<0.02	<1	0.8	1.4	12	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727108	Soil	0.31	11.2	2.7	<0.05	0.2	2.45	12.2	0.05	2	0.3	7.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727109	Soil	0.18	11.0	1.4	<0.05	0.4	3.03	16.3	0.04	<1	0.1	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727110	Soil	0.05	0.5	0.3	<0.05	<0.1	0.10	0.4	<0.02	<1	<0.1	<0.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727111	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727112	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.47	25.96	22.30	13.8	974	15.2	4.9
1727113	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727114	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727115	Rock Pulp	0.44	6.7	13.1	<0.05	8.7	5.61	19.3	8.22	2	<0.1	10.9	*	<2	5.07	>10000	4550	>10000	37389	32.7	174.7
1727116	Soil	<0.02	3.2	0.5	<0.05	8.6	10.03	7.9	0.05	11	0.6	0.4	11	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727117	Soil	0.05	1.7	2.0	<0.05	0.1	0.61	3.2	<0.02	<1	<0.1	0.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727118	Soil	0.27	1.6	0.8	<0.05	0.4	1.66	10.0	<0.02	<1	0.1	0.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727119	Soil	0.06	5.7	1.0	<0.05	<0.1	0.57	3.5	<0.02	<1	<0.1	0.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727120	Soil	0.29	8.8	1.4	<0.05	1.7	5.16	26.7	0.04	5	0.7	7.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727121	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	28.93	32.86	77.85	115.4	2204	26.0	2.8
1727122	Soil	0.29	5.7	2.3	<0.05	0.5	1.54	16.6	0.03	<1	0.1	1.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727123	Soil	0.08	1.4	1.5	<0.05	0.1	0.45	2.3	<0.02	<1	<0.1	<0.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727124	Soil	0.13	1.4	3.0	<0.05	1.3	0.53	1.7	<0.02	<1	<0.1	0.8	20	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727125	Soil	0.34	4.1	1.0	<0.05	2.4	16.07	12.7	0.06	<1	0.3	21.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727126	Soil	0.11	1.2	0.7	<0.05	2.1	1.36	1.8	<0.02	<1	<0.1	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727127	Soil	0.35	6.8	0.7	<0.05	1.8	10.43	16.3	0.03	2	0.3	8.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727128	Soil	0.26	2.4	2.1	<0.05	2.5	4.81	7.5	0.03	<1	0.2	0.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727129	Soil	0.42	7.1	0.6	<0.05	0.6	10.29	22.5	0.09	<1	0.5	9.6	14	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727130	Rock Pulp	0.44	7.3	13.9	<0.05	8.5	5.88	20.6	8.99	1	0.2	11.2	*	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
		MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727101	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727102	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727103	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727104	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727105	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727106	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727107	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727108	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727109	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727110	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727111	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727112	Soil		137	0.47	2.1	1.0	5.0	0.4	20.9	0.77	0.96	0.31	14	0.09	0.034	3.3	10.0	<0.01	213.9	0.004	2	0.35
1727113	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727114	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727115	Rock Pulp		775	22.02	104.3	0.9	140.2	3.2	6.2	154.5	11.79	43.39	25	0.56	0.024	10.5	20.4	1.20	21.9	0.036	5	1.35
1727116	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727117	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727118	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727119	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727120	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727121	Soil		39	2.51	82.9	0.9	4.7	1.5	58.5	0.37	9.97	0.37	127	<0.01	0.068	8.2	19.0	0.01	144.2	0.008	2	0.37
1727122	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727123	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727124	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727125	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727126	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727127	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727128	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727129	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727130	Rock Pulp		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727101	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727102	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727103	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727104	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727105	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727106	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727107	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727108	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727109	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727110	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727111	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727112	Soil	0.003	0.02	<0.1	1.0	0.12	<0.02	299	0.7	0.07	1.4	0.78	<0.1	<0.02	0.11	3.2	3.8	<0.05	0.3	1.94	6.9
1727113	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727114	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727115	Rock Pulp	0.024	0.16	15.1	2.8	2.23	>10	9948	21.1	0.38	12.4	0.62	0.3	0.20	0.41	7.2	14.5	<0.05	6.9	5.79	22.4
1727116	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727117	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727118	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727119	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727120	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727121	Soil	0.004	0.03	0.2	1.3	0.43	0.06	387	5.3	0.60	3.5	1.25	<0.1	<0.02	0.32	3.8	0.8	<0.05	0.6	1.34	13.2
1727122	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727123	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727124	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727125	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727126	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727127	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727128	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727129	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727130	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727101	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	21.04	36.75	14.78	46.8	675	40.3	2.4	21	0.73	4.9	1.8	2.0	0.4	72.0
1727102	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727103	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	8.56	38.58	6.43	242.2	179	65.4	5.0	426	0.54	2.9	3.4	1.3	0.2	93.5
1727104	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727105	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	30.37	35.96	25.01	429.0	289	127.4	9.0	338	1.76	15.6	3.4	1.6	0.9	44.4
1727106	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727107	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727108	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727109	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727110	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727111	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	8.13	39.41	59.67	36.4	2302	22.9	3.5	260	2.18	12.3	2.2	2.9	0.6	68.9
1727112	Soil		<0.02	3	0.2	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727113	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	7.54	16.34	55.48	20.0	1744	6.3	1.0	10	1.04	28.1	0.7	1.2	0.2	39.6
1727114	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	12.55	53.86	35.55	116.3	778	58.5	8.3	98	2.28	25.0	1.3	3.8	0.6	30.4
1727115	Rock Pulp		10.33	<1	0.2	11.7	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727116	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727117	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727118	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727119	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727120	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727121	Soil		0.06	<1	0.1	0.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727122	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727123	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727124	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727125	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727126	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727127	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727128	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727129	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727130	Rock Pulp		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727101	Soil	1.74	4.08	0.23	16	1.17	0.159	1.8	8.3	0.15	235.7	0.003	<20	0.28	0.002	0.03	<0.1	1.4	0.07	0.25	345
1727102	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727103	Soil	7.67	2.70	0.12	15	3.58	0.113	1.1	5.8	0.26	174.8	0.001	<20	0.11	0.002	0.03	<0.1	0.5	0.10	0.23	306
1727104	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727105	Soil	7.73	6.28	0.14	45	1.31	0.092	1.5	13.2	0.11	129.9	0.002	<20	0.25	<0.001	0.03	<0.1	2.4	0.38	0.15	449
1727106	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727107	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727108	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727109	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727110	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727111	Soil	0.71	3.56	0.35	66	0.30	0.132	5.2	19.1	0.03	492.5	0.005	<20	1.03	0.008	0.04	<0.1	1.6	0.42	0.12	1151
1727112	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727113	Soil	0.13	1.53	0.20	39	<0.01	0.037	2.8	7.4	<0.01	124.6	0.002	<20	0.24	0.004	0.07	<0.1	0.4	0.45	0.14	356
1727114	Soil	0.71	4.88	0.22	53	0.10	0.077	7.1	22.4	0.05	316.5	0.002	<20	0.47	0.006	0.05	<0.1	2.1	0.28	0.04	444
1727115	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727116	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727117	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727118	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727119	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727120	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727121	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727122	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727123	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727124	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727125	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727126	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727127	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727128	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727129	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727130	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727101	Soil	2.9	<0.02	0.5	0.30	<0.1	0.07	0.12	1.1	5.1	<0.05	3.1	7.45	3.4	0.04	<1	0.4	0.5	<10	<2	82.1
1727102	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	19.8
1727103	Soil	2.9	<0.02	0.3	0.16	<0.1	0.03	0.05	1.7	3.2	<0.05	1.5	7.39	2.0	<0.02	13	0.3	0.5	<10	<2	80.6
1727104	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.6
1727105	Soil	2.6	0.06	0.6	0.54	<0.1	0.08	0.12	3.9	10.3	<0.05	3.9	8.04	3.2	0.03	<1	0.4	1.1	<10	2	52.6
1727106	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13.9
1727107	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	38.9
1727108	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12.0
1727109	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.6
1727110	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.5
1727111	Soil	4.9	0.10	4.0	0.87	<0.1	0.06	0.49	2.7	0.4	<0.05	2.9	5.17	10.7	0.04	10	0.4	1.8	<10	<2	45.2
1727112	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	9.2
1727113	Soil	1.2	0.07	2.4	0.62	<0.1	<0.02	0.06	4.1	1.2	<0.05	<0.1	0.92	5.6	0.03	<1	<0.1	0.4	<10	<2	7.5
1727114	Soil	1.7	0.11	2.0	0.79	<0.1	<0.02	0.14	4.4	1.4	<0.05	0.3	4.66	13.6	0.04	<1	0.4	3.2	<10	<2	9.9
1727115	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.1
1727116	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.4
1727117	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	35.1
1727118	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.1
1727119	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4.3
1727120	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	9.1
1727121	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6.0
1727122	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5.9
1727123	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	40.3
1727124	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	86.9
1727125	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	21.0
1727126	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	88.3
1727127	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	20.4
1727128	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	62.4
1727129	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.7
1727130	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.0

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727131	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727132	Soil	3.15	41.61	12.88	191.4	437	109.1	26.1	1204	4.62	14.5	1.9	0.6	0.9	89.2	2.25	1.65	0.14	94	0.82	0.110
1727133	Soil	1.44	17.52	4.47	51.8	352	19.4	4.2	232	0.96	3.5	0.7	0.3	0.2	55.0	0.83	0.85	0.12	21	0.89	0.066
1727134	Soil	5.82	45.26	14.64	155.2	652	76.0	16.7	682	3.29	16.1	1.6	1.5	0.9	70.1	0.87	2.87	0.14	69	0.92	0.092
1727135	Soil	1.72	18.64	3.19	67.3	88	25.4	2.2	104	0.42	2.4	0.9	<0.2	0.1	107.3	2.77	0.99	0.12	9	2.53	0.081
1727136	Soil	7.31	53.99	15.58	326.9	717	115.8	27.7	1584	5.65	17.3	1.7	2.5	1.2	136.8	3.01	3.77	0.08	98	2.16	0.100
1727137	Soil	5.57	26.86	9.60	150.7	514	38.7	8.7	541	1.47	8.1	1.2	3.9	0.4	167.6	4.20	2.48	0.60	34	2.86	0.103
1727138	Soil	12.52	46.80	20.74	304.1	811	87.1	16.0	518	3.13	21.4	2.7	3.4	1.3	95.3	1.79	5.03	0.24	85	1.10	0.114
1727139	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727140	Soil	13.38	78.89	30.73	391.9	819	102.7	21.2	703	3.72	29.7	4.3	4.8	1.9	116.5	2.09	6.57	0.30	100	0.92	0.167
1727141	Soil	10.67	51.13	25.27	581.5	850	114.7	23.1	573	2.87	19.9	5.1	1.9	1.3	119.2	3.81	5.53	0.21	67	1.30	0.138
1727142	Soil	9.61	49.03	22.10	541.4	813	107.0	20.8	553	2.54	18.3	4.7	4.4	1.1	112.4	3.77	4.89	0.22	61	1.36	0.126
1727143	Soil	11.87	62.73	26.19	684.5	946	148.3	27.7	625	3.07	22.2	5.5	3.0	1.4	123.2	4.13	5.62	0.25	75	1.14	0.164
1727144	Soil	5.42	11.49	7.73	160.9	249	17.6	4.4	46	0.87	3.0	4.1	0.3	0.1	49.8	3.95	1.56	0.27	14	0.73	0.088
1727145	Soil	7.32	35.67	16.33	512.8	590	69.7	11.6	499	1.98	10.1	5.7	1.4	0.7	85.5	3.56	3.68	0.13	32	1.22	0.101
1727146	Soil	11.26	22.59	7.01	860.7	241	52.4	4.6	109	0.73	2.9	6.3	1.2	0.2	108.1	6.94	2.77	0.11	8	1.91	0.086
1727147	Soil	10.13	33.90	18.33	1643	622	106.7	14.9	647	2.40	12.2	9.9	2.1	0.7	72.4	6.30	4.83	0.12	33	1.08	0.094
1727148	Soil	13.53	43.76	41.27	2505	632	227.2	23.0	477	4.46	17.9	5.3	1.8	0.9	124.1	5.60	7.50	0.19	43	1.86	0.136
1727149	Soil	18.78	58.05	87.22	2516	1008	249.5	26.2	598	6.47	27.2	8.4	2.8	1.3	110.7	7.13	12.26	0.19	45	1.62	0.122
1727150	Rock Pulp	5.16	>10000	4698	>10000	37890	28.6	168.7	739	21.29	98.1	1.0	130.1	3.4	6.4	144.4	2.79	38.87	16	0.54	0.022
1727151	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727152	Soil	65.06	50.73	19.04	646.9	119	184.5	20.4	310	4.40	20.6	2.7	0.9	0.6	8.7	3.10	9.23	0.20	119	0.07	0.070
1727153	Soil	26.63	120.1	58.07	92.8	1291	209.1	53.1	1304	12.60	39.8	6.2	0.3	0.7	119.4	0.54	3.10	0.19	133	0.26	0.500
1727154	Soil	10.02	96.61	19.00	161.2	1094	68.7	24.8	984	4.49	12.7	1.3	3.9	1.3	38.8	1.18	2.21	0.28	62	0.06	0.068
1727155	Soil	9.97	249.7	41.69	72.6	1964	55.6	6.3	192	3.76	65.9	9.5	6.3	1.1	116.1	0.95	9.87	0.29	121	0.05	0.252
1727156	Soil	6.73	28.53	20.42	78.0	192	17.2	3.9	54	1.31	9.1	0.9	<0.2	<0.1	33.3	0.60	1.73	0.15	53	<0.01	0.100
1727157	Soil	2.35	18.59	8.13	38.9	2410	13.4	1.7	50	0.45	2.0	0.4	1.3	<0.1	16.9	1.80	0.61	0.10	12	0.05	0.126
1727158	Soil	22.74	34.30	51.77	154.0	1041	39.7	7.7	154	2.73	22.1	2.1	3.6	0.1	56.6	0.82	5.77	0.21	66	0.02	0.098
1727159	Soil	31.54	71.62	62.49	330.7	581	119.6	20.6	291	4.16	52.2	3.8	7.1	0.8	131.3	1.09	15.04	0.22	97	0.19	0.213
1727160	Soil	23.73	59.95	54.00	319.8	1011	89.3	14.5	363	3.07	34.3	3.6	4.4	0.7	100.5	5.87	8.74	0.21	74	0.31	0.169

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727131	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727132	Soil	4.5	130.7	0.27	202.4	0.006	1	1.76	0.017	0.03	<0.1	7.1	0.17	0.04	74	0.8	<0.02	5.7	0.70	<0.1	0.04
1727133	Soil	2.5	17.0	0.06	89.3	0.011	3	0.51	0.028	0.03	<0.1	1.6	0.08	0.07	78	0.4	<0.02	1.6	0.34	<0.1	0.03
1727134	Soil	6.2	69.6	0.17	232.2	0.005	2	1.05	0.018	0.05	<0.1	6.0	0.17	0.04	117	1.0	0.04	3.3	0.76	<0.1	0.02
1727135	Soil	1.1	8.4	0.17	61.9	0.005	4	0.21	0.004	0.03	<0.1	0.8	0.03	0.22	136	1.1	<0.02	0.5	0.19	<0.1	<0.02
1727136	Soil	5.2	108.0	0.32	255.5	0.006	4	0.85	0.010	0.05	<0.1	9.9	0.13	0.07	169	1.8	0.05	2.9	0.58	0.1	0.02
1727137	Soil	3.1	23.6	0.24	179.3	0.006	5	0.43	0.006	0.05	<0.1	2.6	0.11	0.16	171	1.6	0.02	1.3	0.43	<0.1	0.07
1727138	Soil	7.3	48.8	0.17	379.4	0.005	3	0.86	0.010	0.08	<0.1	5.2	0.20	0.05	335	2.1	0.06	2.5	0.69	<0.1	0.05
1727139	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727140	Soil	10.2	58.3	0.19	403.6	0.006	3	0.88	0.006	0.09	<0.1	6.8	0.30	0.07	561	3.1	0.08	2.9	1.10	<0.1	0.07
1727141	Soil	6.1	46.2	0.19	246.6	0.006	5	0.67	0.009	0.06	<0.1	6.0	0.25	0.08	523	2.7	0.06	3.0	1.16	<0.1	0.03
1727142	Soil	6.3	41.0	0.18	227.4	0.007	4	0.62	0.010	0.06	0.1	5.5	0.24	0.09	423	2.6	0.07	2.8	1.07	<0.1	0.05
1727143	Soil	7.0	48.5	0.19	301.6	0.005	2	0.72	0.010	0.07	<0.1	6.1	0.23	0.06	501	2.4	0.09	2.8	1.08	<0.1	0.04
1727144	Soil	2.2	6.5	0.09	177.0	0.009	3	0.28	0.016	0.04	<0.1	1.1	0.11	0.12	155	1.1	<0.02	1.1	0.47	<0.1	0.03
1727145	Soil	4.5	15.9	0.12	372.3	0.006	3	0.48	0.017	0.06	<0.1	2.4	0.14	0.08	319	2.2	0.03	1.5	0.54	<0.1	0.05
1727146	Soil	1.4	5.9	0.13	179.1	0.004	12	0.19	0.003	0.03	<0.1	1.1	0.13	0.22	177	1.3	<0.02	0.5	0.48	<0.1	0.04
1727147	Soil	4.7	16.1	0.12	300.5	0.007	3	0.52	0.018	0.06	<0.1	2.1	0.48	0.06	485	2.3	0.05	1.9	1.12	<0.1	0.04
1727148	Soil	5.7	26.4	0.20	256.8	0.006	7	0.65	0.006	0.08	<0.1	3.0	0.81	0.12	792	7.6	0.10	2.1	1.69	<0.1	0.02
1727149	Soil	6.1	27.2	0.18	371.4	0.006	5	0.68	0.006	0.08	<0.1	3.6	1.16	0.13	1493	4.9	0.08	2.1	2.40	0.2	0.04
1727150	Rock Pulp	10.6	20.0	1.22	11.4	0.043	3	1.43	0.031	0.17	15.7	2.9	2.51	>10	8607	22.8	0.33	12.0	0.63	0.3	0.25
1727151	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727152	Soil	3.6	15.5	0.03	145.9	0.002	<1	0.44	0.001	0.02	<0.1	2.4	0.50	0.02	215	2.4	0.06	0.7	0.72	<0.1	<0.02
1727153	Soil	5.5	96.4	0.12	196.8	0.007	<1	0.83	0.005	0.02	0.2	11.3	0.47	0.09	161	2.7	0.12	3.0	1.51	0.2	0.09
1727154	Soil	2.0	22.5	0.20	144.6	0.005	<1	1.12	0.006	0.03	<0.1	6.0	0.23	<0.02	68	1.9	0.11	2.9	5.06	0.1	0.03
1727155	Soil	4.1	48.7	0.08	141.8	0.008	<1	1.73	0.006	0.05	<0.1	7.7	0.32	0.10	127	6.9	0.10	2.9	3.01	<0.1	0.06
1727156	Soil	2.6	12.6	0.02	72.9	0.004	<1	0.38	0.012	0.02	0.1	0.3	0.16	0.03	38	0.8	<0.02	2.7	1.12	<0.1	<0.02
1727157	Soil	1.6	4.7	0.02	161.5	0.004	6	0.28	0.015	0.03	<0.1	0.7	0.04	0.03	84	0.4	<0.02	0.8	0.41	<0.1	<0.02
1727158	Soil	5.1	20.5	0.10	201.1	0.005	1	0.55	0.004	0.08	0.3	0.8	1.19	0.19	1170	4.1	0.11	2.6	0.70	<0.1	<0.02
1727159	Soil	10.9	39.9	0.22	225.7	0.013	<1	0.79	0.003	0.06	0.3	3.0	0.81	0.08	696	4.7	0.15	3.1	0.91	<0.1	<0.02
1727160	Soil	8.6	28.6	0.19	424.2	0.007	1	0.78	0.006	0.05	0.2	3.0	0.54	0.05	1164	3.5	0.12	3.1	0.97	<0.1	0.03

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727131	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	1.02	12.99	2.45	31.6	254	13.5	1.4
1727132	Soil	0.34	3.7	1.1	<0.05	1.2	5.95	8.5	<0.02	<1	0.2	36.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727133	Soil	0.25	2.0	0.1	<0.05	1.3	2.68	4.7	<0.02	<1	0.1	3.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727134	Soil	0.33	4.2	0.8	<0.05	1.5	7.15	11.0	0.03	<1	0.4	16.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727135	Soil	0.16	0.8	1.6	<0.05	2.1	1.94	2.2	<0.02	1	<0.1	0.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727136	Soil	0.30	3.1	0.7	<0.05	1.6	10.44	10.6	0.04	2	0.5	9.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727137	Soil	0.27	2.9	1.5	<0.05	2.4	4.47	5.9	0.03	<1	0.2	2.7	11	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727138	Soil	0.34	4.5	0.6	<0.05	1.8	9.01	13.8	0.03	4	0.5	7.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727139	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.45	20.44	7.87	133.0	375	29.6	6.8
1727140	Soil	0.38	6.9	0.7	<0.05	2.0	12.13	20.1	<0.02	5	0.5	7.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727141	Soil	0.33	6.1	0.9	<0.05	1.8	7.43	12.8	0.06	5	0.4	5.5	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727142	Soil	0.36	6.2	0.8	<0.05	2.0	7.14	11.8	0.02	5	0.4	5.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727143	Soil	0.32	6.3	0.9	<0.05	1.8	9.30	14.2	0.04	7	0.5	6.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727144	Soil	0.16	2.7	0.8	<0.05	0.6	1.82	4.7	<0.02	<1	<0.1	0.7	18	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727145	Soil	0.29	4.4	0.2	<0.05	2.1	4.62	9.3	<0.02	4	0.2	2.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727146	Soil	0.08	2.5	3.0	<0.05	1.7	2.52	2.7	<0.02	5	0.1	0.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727147	Soil	0.30	7.3	0.4	<0.05	1.4	3.79	10.0	<0.02	6	0.3	2.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727148	Soil	0.29	10.5	0.8	<0.05	1.9	5.90	10.1	0.02	9	0.6	4.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727149	Soil	0.32	11.2	0.4	<0.05	2.8	7.73	11.8	0.04	7	0.7	4.6	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727150	Rock Pulp	0.49	7.0	14.4	<0.05	8.5	5.60	23.1	8.60	<1	0.1	11.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727151	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.59	23.47	11.71	11.2	278	3.4	0.8
1727152	Soil	0.04	3.0	1.0	<0.05	0.5	22.98	10.4	0.04	<1	1.3	1.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727153	Soil	0.36	2.3	1.4	<0.05	4.1	12.45	11.4	0.09	<1	0.5	3.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727154	Soil	0.14	3.1	0.6	<0.05	2.0	6.84	5.0	0.05	<1	0.7	15.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727155	Soil	0.30	5.0	0.4	<0.05	3.7	6.71	9.5	0.11	4	1.1	5.6	<10	4	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727156	Soil	0.06	3.9	3.3	<0.05	<0.1	1.21	5.2	<0.02	1	0.1	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727157	Soil	0.03	1.9	1.9	<0.05	0.3	0.58	3.2	<0.02	<1	0.2	0.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727158	Soil	0.11	6.4	2.0	<0.05	0.2	3.05	10.8	0.02	<1	0.2	4.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727159	Soil	0.22	5.3	1.1	<0.05	0.9	8.81	22.7	0.05	<1	0.7	6.3	<10	6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727160	Soil	0.27	6.1	0.9	<0.05	0.7	10.12	16.8	0.03	3	0.7	6.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
	MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727131	Soil	81	0.35	1.3	0.4	1.0	0.2	141.0	2.37	0.72	0.24	5	2.39	0.079	1.2	6.5	0.26	121.3	0.005	3	0.29
1727132	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727133	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727134	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727135	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727136	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727137	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727138	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727139	Soil	40	0.88	8.1	0.7	1.3	0.4	52.0	3.62	1.80	0.15	19	0.27	0.081	1.5	11.6	0.11	104.4	0.002	3	0.18
1727140	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727141	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727142	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727143	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727144	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727145	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727146	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727147	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727148	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727150	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727151	Soil	26	0.58	2.3	1.1	2.1	<0.1	9.0	0.20	0.74	0.12	12	0.07	0.058	2.3	5.2	0.02	22.6	0.013	1	0.51
1727152	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727153	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727154	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727155	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727157	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727158	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727159	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727160	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727131	Soil	0.003	0.02	<0.1	1.0	<0.02	0.21	100	0.6	<0.02	0.6	0.08	<0.1	0.06	0.14	0.5	0.8	<0.05	2.2	1.86	2.2
1727132	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727133	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727134	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727135	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727136	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727137	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727138	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727139	Soil	0.002	0.05	<0.1	1.7	0.09	0.19	400	1.9	0.03	0.6	0.87	<0.1	<0.02	0.09	3.2	2.3	<0.05	1.4	1.59	2.5
1727140	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727141	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727142	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727143	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727144	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727145	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727146	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727147	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727148	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727150	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727151	Soil	0.016	0.02	<0.1	0.5	0.10	0.03	98	0.8	0.05	2.4	0.29	<0.1	<0.02	0.21	1.3	0.3	<0.05	0.4	1.60	4.7
1727152	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727153	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727154	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727155	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727157	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727158	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727159	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727160	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727131	Soil	<0.02	<1	0.1	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727132	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727133	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727134	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727135	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727136	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727137	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727138	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727139	Soil	<0.02	2	0.2	0.8	12	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727140	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727141	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727142	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727143	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727144	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727145	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727146	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727147	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727148	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727150	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727151	Soil	<0.02	<1	0.1	0.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727152	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727153	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727154	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727155	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727157	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727158	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727159	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727160	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727131	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727132	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727133	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727134	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727135	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727136	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727137	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727138	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727139	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727140	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727141	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727142	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727143	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727144	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727145	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727146	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727147	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727148	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727150	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727151	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727152	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727153	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727154	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727155	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727157	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727158	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727159	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727160	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727131	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	86.7
1727132	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	18.3
1727133	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24.8
1727134	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	17.1
1727135	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	86.5
1727136	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	33.1
1727137	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	67.0
1727138	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	20.8
1727139	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	79.3
1727140	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	21.5
1727141	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	29.4
1727142	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	31.5
1727143	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	21.9
1727144	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	40.1
1727145	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	26.4
1727146	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	86.1
1727147	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	21.6
1727148	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	35.8
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	28.7
1727150	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.4
1727151	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.1
1727152	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.9
1727153	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	18.3
1727154	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.5
1727155	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	18.4
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.7
1727157	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	20.2
1727158	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.0
1727159	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.1
1727160	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727161	Soil		29.26	85.56	43.57	380.7	1128	115.2	19.5	306	3.68	34.0	3.7	6.3	1.3	102.7	3.29	11.20	0.20	91	0.22	0.179
1727162	Soil		30.41	84.35	46.66	365.1	1034	120.5	18.4	320	3.72	34.1	3.7	4.0	1.1	100.4	3.32	10.78	0.19	96	0.23	0.174
1727163	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727164	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727165	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727166	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727167	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727168	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727170	Rock Pulp		5.22	>10000	4691	>10000	36995	29.5	168.2	720	21.02	94.2	0.9	134.8	3.3	6.0	142.5	2.73	39.98	14	0.52	0.021
1727171	Soil		21.88	91.67	41.12	264.0	1115	117.5	16.2	373	3.30	51.0	2.0	4.4	1.9	78.6	2.10	12.39	0.55	85	0.71	0.175
1727172	Soil		20.39	54.21	34.41	231.6	420	81.4	10.6	333	1.63	19.9	1.0	3.6	1.1	84.4	6.44	8.44	0.48	43	1.48	0.133
1727173	Soil		26.42	72.84	59.77	307.7	930	125.8	18.3	464	3.61	55.0	2.4	9.5	2.5	84.1	3.09	19.29	0.52	91	0.75	0.187
1727174	Soil		9.71	16.92	30.14	72.5	1039	22.6	4.2	128	1.43	16.6	0.9	2.5	0.2	16.1	0.41	5.31	0.19	44	0.03	0.046
1727175	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727176	Soil		19.95	43.28	55.02	197.5	415	69.0	12.2	341	2.97	39.5	1.6	5.1	1.4	41.9	1.08	11.42	0.30	81	0.09	0.102
1727177	Soil		7.77	20.08	21.56	73.2	1422	30.4	3.9	75	1.19	14.1	0.7	2.0	0.1	19.3	0.40	4.61	0.17	40	0.15	0.050
1727178	Soil		5.14	15.51	33.66	60.6	501	16.6	2.2	69	1.31	16.2	0.6	1.1	0.1	22.0	0.27	4.71	0.15	42	0.02	0.066
1727179	Soil		21.23	62.13	195.7	248.4	2918	77.4	10.0	223	2.95	59.4	2.1	10.3	0.6	45.8	1.36	44.65	0.31	92	0.12	0.116
1727180	Soil		14.97	53.91	187.3	324.6	3662	67.8	11.4	333	2.77	50.6	2.9	14.5	0.7	56.4	1.74	34.20	0.27	74	0.27	0.100
1727181	Soil		12.78	48.20	58.98	406.8	2028	82.3	11.9	412	3.04	30.0	2.1	5.6	0.9	51.3	1.09	12.87	0.21	87	0.20	0.098
1727182	Soil		15.33	55.80	71.94	493.5	1668	96.3	18.6	736	3.53	34.1	2.5	6.4	1.0	56.2	1.36	14.73	0.26	97	0.22	0.114
1727183	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727184	Soil		35.65	87.15	157.1	338.1	4634	68.9	10.1	296	4.15	44.1	6.7	12.0	0.8	63.3	3.54	28.86	0.29	156	0.11	0.101
1727185	Soil		6.59	19.88	24.49	285.4	1840	77.1	2.6	88	1.18	11.8	12.0	<0.2	0.3	75.1	11.93	3.65	0.20	44	1.15	0.064
1727186	Soil		17.61	23.95	21.31	248.4	525	45.1	2.6	92	16.50	26.1	4.5	<0.2	0.9	36.2	2.15	6.16	0.12	641	0.54	0.069
1727187	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727188	Soil		14.51	17.47	16.31	300.9	377	16.7	1.7	29	20.54	12.5	4.4	<0.2	0.9	24.9	1.24	5.12	0.08	102	0.33	0.052
1727189	Soil		9.03	33.71	35.24	677.0	949	88.1	4.5	245	1.42	10.6	8.5	1.3	0.7	82.3	13.13	6.84	0.12	65	1.73	0.088
1727190	Rock Pulp		5.55	>10000	4821	>10000	37010	29.8	176.1	771	21.61	98.9	1.1	193.9	3.1	6.5	144.3	6.70	39.45	31	0.63	0.019

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727161	Soil	7.0	36.0	0.12	266.9	0.006	1	0.61	0.003	0.05	<0.1	4.9	0.48	0.05	568	3.8	0.13	2.2	0.95	0.1	<0.02
1727162	Soil	7.1	36.2	0.12	338.1	0.004	<1	0.64	0.003	0.05	0.1	4.3	0.48	0.05	607	3.9	0.17	2.4	0.82	<0.1	<0.02
1727163	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727164	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727166	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727167	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727170	Rock Pulp	10.4	19.4	1.18	13.2	0.041	2	1.37	0.030	0.17	16.4	2.8	2.49	>10	7983	22.9	0.34	11.6	0.60	0.3	0.30
1727171	Soil	11.4	33.1	0.15	615.4	0.004	2	0.66	0.004	0.07	0.1	5.6	0.35	0.05	510	3.1	0.09	1.8	0.97	<0.1	0.07
1727172	Soil	4.9	18.3	0.15	664.3	0.004	3	0.45	0.003	0.04	0.2	3.2	0.21	0.17	569	4.5	0.04	1.3	0.62	<0.1	0.08
1727173	Soil	13.0	36.5	0.15	595.1	0.007	3	0.66	0.003	0.08	0.2	6.8	0.42	0.03	811	4.3	0.16	2.4	1.17	<0.1	0.10
1727174	Soil	4.9	12.5	0.03	248.9	0.005	1	0.49	0.016	0.03	<0.1	1.2	0.24	0.02	562	1.8	0.06	2.2	0.71	<0.1	<0.02
1727175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727176	Soil	10.9	37.7	0.07	272.3	0.003	1	0.55	0.002	0.06	0.1	3.0	0.35	0.02	336	3.6	0.13	2.8	0.91	<0.1	<0.02
1727177	Soil	4.0	12.0	0.04	282.0	0.007	2	0.37	0.023	0.04	<0.1	1.2	0.16	<0.02	363	1.1	0.03	1.7	0.55	<0.1	0.02
1727178	Soil	5.9	18.5	0.03	143.6	0.007	2	0.46	0.012	0.06	<0.1	0.9	0.22	<0.02	633	0.8	<0.02	2.4	0.74	<0.1	<0.02
1727179	Soil	10.1	35.5	0.07	627.7	0.006	2	0.78	0.004	0.09	0.2	2.8	0.53	0.03	6962	2.8	0.16	3.4	1.35	<0.1	0.02
1727180	Soil	8.8	35.3	0.10	821.3	0.004	2	0.76	0.006	0.09	<0.1	2.9	0.59	0.04	6840	3.2	0.13	3.1	1.22	0.1	<0.02
1727181	Soil	9.8	40.5	0.10	762.0	0.005	3	1.01	0.012	0.10	<0.1	3.4	0.46	0.02	1573	2.5	0.07	3.4	1.57	<0.1	<0.02
1727182	Soil	13.1	48.2	0.11	824.7	0.005	2	1.09	0.008	0.10	<0.1	4.3	0.51	0.02	1921	3.1	0.08	3.4	1.83	0.1	<0.02
1727183	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727184	Soil	6.5	31.1	0.06	2506	0.005	2	0.97	0.008	0.08	0.3	3.3	1.53	0.09	7149	7.3	0.21	3.8	2.06	0.1	0.04
1727185	Soil	2.7	8.1	0.07	1160	0.011	2	0.48	0.014	0.05	<0.1	1.4	1.22	0.14	465	3.8	<0.02	1.7	1.83	<0.1	0.03
1727186	Soil	3.4	9.5	0.05	787.2	0.015	<1	0.50	0.013	0.05	0.1	1.6	0.59	0.10	331	5.4	0.06	2.2	1.25	0.2	<0.02
1727187	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727188	Soil	2.7	9.0	0.04	1777	0.008	<1	0.67	0.009	0.03	<0.1	1.5	0.29	0.08	245	7.4	0.04	1.6	0.90	0.4	<0.02
1727189	Soil	4.4	10.1	0.21	4370	0.006	7	0.41	0.003	0.05	<0.1	2.0	0.83	0.21	787	12.2	0.08	1.3	1.65	<0.1	0.05
1727190	Rock Pulp	10.3	20.3	1.25	13.9	0.050	4	1.54	0.050	0.20	15.0	3.0	2.50	>10	7305	24.8	0.42	13.0	0.64	0.4	0.32

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727161	Soil	0.12	3.8	0.9	<0.05	0.4	11.59	14.9	0.04	<1	0.5	5.3	<10	4	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727162	Soil	0.12	3.6	1.3	<0.05	0.5	11.18	13.2	0.05	1	0.5	5.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727163	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	8.79	17.06	5.67	94.5	1058	23.5	2.2
1727164	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	20.13	62.05	38.99	274.6	790	100.7	16.7
1727165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727166	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727167	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	12.81	25.44	11.95	321.7	344	35.9	5.9
1727170	Rock Pulp	0.41	7.1	14.3	<0.05	8.7	5.45	23.8	9.07	<1	0.1	10.4	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727171	Soil	0.23	5.1	0.7	<0.05	2.2	12.23	23.0	0.05	1	0.6	5.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727172	Soil	0.22	3.1	4.8	<0.05	4.4	7.80	9.5	0.03	<1	0.4	1.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727173	Soil	0.28	6.8	1.1	<0.05	2.7	12.51	22.1	0.05	<1	0.8	6.1	50	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727174	Soil	0.17	4.3	0.6	<0.05	0.4	3.17	8.1	<0.02	<1	0.2	2.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727176	Soil	0.16	6.1	1.4	<0.05	0.6	4.34	18.9	0.03	<1	0.4	5.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727177	Soil	0.14	3.2	0.8	<0.05	<0.1	2.52	6.9	<0.02	<1	0.2	1.8	26	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727178	Soil	0.18	4.7	0.8	<0.05	0.5	1.45	10.3	<0.02	<1	0.1	2.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727179	Soil	0.20	8.6	1.1	<0.05	0.6	7.17	18.4	0.04	<1	0.5	5.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727180	Soil	0.19	7.9	1.9	<0.05	0.4	7.18	15.4	0.03	<1	0.6	5.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727181	Soil	0.22	9.7	0.7	<0.05	0.5	7.70	17.1	0.03	1	0.5	7.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727182	Soil	0.29	10.7	1.1	<0.05	0.4	9.23	22.5	0.04	2	0.8	7.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727183	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	9.18	25.34	51.55	387.6	2144	44.8	7.0
1727184	Soil	0.27	11.0	0.9	<0.05	0.5	7.52	11.3	0.04	<1	0.6	4.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727185	Soil	0.32	5.6	0.2	<0.05	1.9	3.05	4.6	<0.02	7	0.2	1.5	30	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727186	Soil	0.38	3.7	0.4	<0.05	0.5	3.19	6.0	<0.02	1	0.2	1.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727187	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.23	21.22	26.24	201.9	747	21.8	2.5
1727188	Soil	0.33	3.7	0.4	<0.05	0.9	1.77	5.0	<0.02	<1	0.2	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727189	Soil	0.14	6.0	0.5	<0.05	2.7	4.89	6.6	<0.02	27	0.3	2.1	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727190	Rock Pulp	0.61	7.2	14.2	<0.05	10.1	6.25	22.6	9.08	<1	0.2	11.1	<10	<2	5.10	>10000	4214	>10000	36468	28.1	169.6

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
	MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727162	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727163	Soil	28	0.36	1.3	0.2	0.5	0.2	72.8	2.31	1.17	0.17	8	1.91	0.098	0.8	6.6	0.19	604.9	0.002	5	0.09
1727164	Soil	330	3.29	51.3	1.8	4.4	2.5	64.5	1.61	9.60	0.54	68	0.41	0.145	11.6	30.6	0.12	522.2	0.005	2	0.48
1727165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727166	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727167	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil	187	0.82	9.1	0.5	1.9	0.6	75.6	12.01	3.80	0.21	16	1.87	0.144	2.2	10.2	0.19	492.1	0.003	5	0.16
1727170	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727171	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727172	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727173	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727174	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727176	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727177	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727178	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727179	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727180	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727181	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727182	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727183	Soil	116	1.14	17.9	1.0	7.3	0.8	75.2	11.95	12.95	0.74	30	0.69	0.085	3.0	14.1	0.05	1086	0.003	3	0.32
1727184	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727185	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727187	Soil	150	0.93	6.9	4.2	1.6	0.4	33.8	9.03	3.23	0.22	29	0.36	0.044	2.1	4.8	0.03	2546	0.009	2	0.40
1727188	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727189	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727190	Rock Pulp	728	21.38	97.0	0.9	160.8	2.9	5.5	142.6	11.35	38.82	24	0.54	0.023	9.5	19.2	1.17	21.6	0.034	5	1.32

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727162	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727163	Soil	0.001	0.02	<0.1	0.8	0.06	0.21	161	5.2	<0.02	0.3	0.24	<0.1	<0.02	0.07	1.4	2.2	<0.05	1.2	0.90	1.3
1727164	Soil	<0.001	0.05	<0.1	5.1	0.28	0.04	513	4.1	0.02	1.5	0.68	0.1	0.06	0.20	4.5	1.9	<0.05	2.4	9.85	21.6
1727165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727166	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727167	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil	0.001	0.04	<0.1	1.7	0.08	0.20	176	1.8	0.04	0.4	0.27	<0.1	0.06	0.09	1.9	2.7	<0.05	2.6	3.65	4.1
1727170	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727171	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727172	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727173	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727174	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727176	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727177	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727178	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727179	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727180	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727181	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727182	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727183	Soil	0.003	0.06	<0.1	2.5	0.31	0.11	2924	3.8	0.13	1.0	0.55	<0.1	0.06	0.18	3.3	1.1	<0.05	3.1	4.15	5.0
1727184	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727185	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727187	Soil	0.014	0.04	0.3	1.3	0.30	<0.02	257	2.0	<0.02	1.3	0.59	<0.1	0.03	0.22	2.7	0.4	<0.05	1.4	1.58	4.1
1727188	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727189	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727190	Rock Pulp	0.023	0.16	14.2	2.4	2.31	>10	12300	20.4	0.27	11.4	0.57	<0.1	0.15	0.34	6.6	13.1	<0.05	6.9	5.51	20.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727162	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727163	Soil	<0.02	<1	<0.1	0.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727164	Soil	0.07	2	0.6	5.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	22.56	78.17	53.40	253.6	2018	121.9	18.9	514	3.95	50.6	2.9	7.4	1.7	70.7
1727166	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.03	13.49	7.11	94.6	617	21.4	4.5	187	0.49	4.2	0.5	0.4	<0.1	54.4
1727167	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	11.32	29.12	22.42	125.9	568	50.2	12.0	340	1.98	25.5	1.0	1.9	0.2	22.4
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil	0.03	<1	0.2	1.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727170	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727171	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727172	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727173	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727174	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	7.40	13.13	24.65	84.5	3190	17.7	2.5	110	0.62	5.7	0.5	0.7	<0.1	22.9
1727176	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727177	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727178	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727179	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727180	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727181	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727182	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727183	Soil	<0.02	3	0.2	1.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727184	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727185	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727187	Soil	<0.02	4	0.2	1.0	13	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727188	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727189	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727190	Rock Pulp	9.74	<1	0.2	10.6	<10	<2	5.15	>10000	4691	>10000	39047	27.7	164.1	707	20.38	93.7	0.9	104.1	3.1	5.4

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727162	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727163	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727164	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727165	Soil	2.33	9.34	0.45	94	0.56	0.165	11.8	42.0	0.15	1216	0.002	<20	0.90	<0.001	0.07	0.2	6.9	0.42	0.07	926
1727166	Soil	6.93	1.41	0.10	12	1.07	0.117	2.2	6.3	0.08	463.9	0.002	<20	0.31	0.014	0.03	<0.1	0.4	0.06	0.10	149
1727167	Soil	0.63	4.11	0.22	50	0.20	0.067	5.5	18.8	0.05	372.6	0.003	<20	0.47	0.017	0.04	<0.1	1.3	0.17	<0.02	153
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727169	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727170	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727171	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727172	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727173	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727174	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727175	Soil	5.95	1.77	0.11	18	0.23	0.131	2.1	8.9	0.03	498.2	0.001	<20	0.21	0.005	0.05	<0.1	0.4	0.11	0.08	476
1727176	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727177	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727178	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727179	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727180	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727181	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727182	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727183	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727184	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727185	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727187	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727188	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727189	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727190	Rock Pulp	145.3	7.78	40.76	29	0.50	0.022	9.9	19.0	1.20	18.6	0.035	<20	1.39	0.024	0.18	14.2	2.4	2.48	>10	10903

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.5
1727162	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.0
1727163	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	87.1
1727164	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.9
1727165	Soil	4.3	0.17	2.2	0.81	<0.1	0.07	0.24	5.2	2.4	<0.05	2.7	19.67	21.6	0.07	1	1.0	6.0	<10	3	20.8
1727166	Soil	0.8	<0.02	0.8	0.38	<0.1	<0.02	0.12	2.2	0.8	<0.05	0.4	2.66	4.2	<0.02	<1	0.3	0.7	<10	<2	40.2
1727167	Soil	1.4	0.07	2.0	0.57	<0.1	<0.02	0.11	4.4	0.5	<0.05	0.1	4.73	10.6	0.04	<1	0.4	2.7	<10	<2	7.7
1727168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	6.4
1727169	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	73.2
1727170	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.4
1727171	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13.6
1727172	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	54.6
1727173	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	15.7
1727174	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.0
1727175	Soil	1.1	0.05	0.7	0.56	<0.1	<0.02	0.06	2.8	4.6	<0.05	<0.1	1.28	3.8	0.02	1	0.2	0.5	<10	<2	55.1
1727176	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.4
1727177	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.6
1727178	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.4
1727179	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	9.2
1727180	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.1
1727181	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.3
1727182	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	9.2
1727183	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	62.6
1727184	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13.6
1727185	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	48.6
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.1
1727187	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	32.9
1727188	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	19.2
1727189	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	43.2
1727190	Rock Pulp	18.9	0.30	11.5	0.63	0.2	0.23	0.46	7.0	14.0	<0.05	7.8	5.48	21.1	10.51	2	0.2	10.9	<10	3	14.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727191	Soil	17.53	63.06	62.11	425.2	1553	64.1	5.5	134	1.95	30.5	5.2	2.1	1.3	57.6	3.44	12.20	0.38	109	0.49	0.067
1727192	Soil	23.10	49.48	79.68	341.7	1291	56.3	6.2	171	2.48	42.3	4.8	5.6	1.2	67.8	2.36	13.90	0.28	141	0.50	0.104
1727193	Soil	12.45	70.35	36.48	515.3	1081	85.1	7.6	224	2.33	26.3	3.7	3.6	0.9	72.4	5.22	6.95	0.26	80	0.85	0.095
1727194	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727195	Soil	13.05	48.25	34.17	565.0	850	76.4	8.4	265	2.43	26.2	3.0	3.5	1.8	78.2	3.33	7.22	0.28	84	0.81	0.138
1727196	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	10.60	65.10	47.52	825.0	1274	102.2	15.9	345	2.59	27.6	5.0	3.4	2.1	88.9	4.46	6.58	0.28	83	1.08	0.134
1727198	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727199	Soil	8.63	51.98	48.33	310.7	635	59.8	9.1	396	2.32	29.6	2.7	2.0	1.2	59.6	3.20	6.84	0.20	56	0.73	0.065
1727200	Soil	12.58	57.69	44.63	524.0	810	84.5	10.8	408	2.77	32.9	3.2	1.7	1.6	58.7	3.48	7.16	0.25	70	0.65	0.106
1727301	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727302	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727303	Soil	13.74	60.94	158.9	4111	1435	356.7	38.8	1824	4.95	22.1	5.1	4.7	1.4	117.6	3.10	9.26	0.18	53	1.94	0.121
1727304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727305	Soil	17.06	56.61	82.85	3308	818	198.1	22.1	365	5.56	26.0	5.2	1.7	1.9	100.8	3.83	7.90	0.17	61	1.35	0.131
1727306	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727307	Soil	13.06	45.79	72.55	2672	681	154.2	19.6	399	4.34	29.0	4.9	1.8	1.7	95.0	3.71	7.14	0.23	61	1.25	0.144
1727308	Soil	4.97	68.11	25.96	4937	701	298.9	18.9	1245	1.93	10.5	6.3	1.7	0.5	138.2	40.02	4.68	0.11	24	3.16	0.116
1727309	Soil	11.32	60.32	62.38	4663	1159	235.6	24.2	1321	3.94	33.9	6.5	2.7	1.3	109.0	5.24	7.73	0.31	54	1.80	0.121
1727310	Rock Pulp	5.01	>10000	4597	>10000	37476	28.6	165.0	738	20.26	99.8	1.0	130.4	3.2	5.5	149.0	4.00	43.67	30	0.61	0.021
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727312	Soil	12.40	56.50	86.85	3492	1045	186.9	18.7	295	5.21	48.5	4.0	1.7	2.2	100.6	5.18	10.93	0.26	56	1.28	0.130
1727313	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727314	Soil	15.45	35.24	30.50	2302	609	137.5	18.6	864	16.71	87.4	9.1	1.7	2.1	59.4	2.53	11.92	0.20	49	0.96	0.124
1727315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727316	Soil	14.24	21.14	22.44	652.2	472	37.8	2.8	82	19.70	134.9	5.3	1.4	1.8	18.7	0.24	8.97	0.22	63	0.17	0.117
1727317	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727318	Soil	20.10	43.16	33.06	2633	677	163.3	31.4	1769	15.07	221.9	7.2	2.9	2.8	59.6	3.30	15.51	0.28	64	0.82	0.150
1727319	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727320	Soil	19.68	69.92	36.53	3052	721	197.8	36.2	2126	13.04	217.4	6.6	1.1	3.0	55.7	3.47	13.15	0.32	64	0.69	0.153

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727191	Soil	7.7	16.5	0.10	2522	0.005	2	0.59	0.002	0.05	0.2	2.3	0.80	<0.02	1051	6.3	0.16	2.0	1.14	0.1	0.04
1727192	Soil	7.7	23.0	0.08	3096	0.007	2	0.85	0.002	0.05	0.2	2.8	0.62	<0.02	1061	5.7	0.18	2.4	1.18	<0.1	0.04
1727193	Soil	8.2	21.8	0.11	2905	0.007	3	0.84	0.012	0.08	0.1	2.9	0.35	0.09	1144	4.1	0.09	2.5	0.89	<0.1	0.05
1727194	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727195	Soil	9.9	23.1	0.17	2574	0.007	3	0.75	0.005	0.08	0.2	3.1	0.42	0.09	776	4.2	0.08	2.3	1.15	<0.1	0.09
1727196	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	10.8	29.0	0.19	2654	0.007	4	1.08	0.006	0.10	0.2	4.5	0.70	0.09	1157	3.5	0.10	2.7	1.98	<0.1	0.07
1727198	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727199	Soil	5.3	16.4	0.10	2584	0.003	2	0.61	0.006	0.04	0.1	3.4	0.30	0.08	502	3.1	0.07	1.7	1.03	<0.1	0.07
1727200	Soil	7.8	21.4	0.14	2604	0.005	4	0.82	0.004	0.08	<0.1	3.5	0.45	0.09	734	3.6	0.08	2.3	1.61	<0.1	0.05
1727301	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727302	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727303	Soil	7.5	30.9	0.28	414.5	0.008	10	0.81	0.006	0.10	0.1	3.9	1.41	0.14	1560	4.9	0.08	2.3	3.44	0.2	0.06
1727304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727305	Soil	7.3	29.7	0.21	285.9	0.007	5	0.85	0.005	0.09	<0.1	3.3	0.78	0.07	1049	3.1	0.07	2.4	2.24	0.2	0.04
1727306	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727307	Soil	8.7	28.3	0.21	341.2	0.008	5	0.87	0.005	0.09	0.1	3.3	0.76	0.07	875	2.8	0.03	2.4	1.98	<0.1	0.05
1727308	Soil	3.9	14.0	0.34	258.8	0.006	18	0.44	0.005	0.08	<0.1	2.5	0.83	0.25	1284	7.3	0.04	1.2	1.06	0.2	0.05
1727309	Soil	7.8	29.5	0.24	349.4	0.006	7	0.91	0.007	0.08	<0.1	3.6	0.73	0.10	2102	4.2	<0.02	2.2	1.47	<0.1	0.03
1727310	Rock Pulp	10.7	18.1	1.20	18.8	0.042	4	1.44	0.077	0.19	13.8	2.9	2.49	>10	7662	18.4	0.31	11.5	0.62	0.2	0.24
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727312	Soil	8.3	28.6	0.20	299.9	0.006	5	0.83	0.004	0.08	<0.1	3.5	0.58	0.07	1390	3.1	0.04	2.3	1.62	<0.1	0.03
1727313	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727314	Soil	7.0	17.1	0.15	241.0	0.006	2	0.80	<0.001	0.06	0.1	2.7	0.88	0.10	583	5.0	0.06	1.3	3.23	0.1	0.03
1727315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727316	Soil	5.8	16.5	0.06	254.1	0.004	2	0.69	<0.001	0.07	<0.1	2.5	0.89	0.22	566	6.2	0.06	1.3	3.00	<0.1	<0.02
1727317	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727318	Soil	9.1	18.6	0.15	454.5	0.005	2	1.04	<0.001	0.09	<0.1	3.2	1.84	0.09	668	5.0	0.06	1.7	4.28	0.1	0.04
1727319	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727320	Soil	10.5	20.0	0.15	547.7	0.005	3	0.98	0.006	0.10	0.1	3.2	1.52	0.07	625	4.7	0.12	1.8	3.74	<0.1	0.03

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727191	Soil	0.18	7.5	0.5	<0.05	1.0	5.43	13.0	0.02	13	0.3	3.5	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727192	Soil	0.30	5.8	0.6	<0.05	1.7	7.05	13.1	0.03	6	0.4	4.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727193	Soil	0.39	7.2	0.5	<0.05	1.3	8.19	13.8	0.03	7	0.6	5.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727194	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	9.78	76.97	38.03	557.7	959	68.6	12.0
1727195	Soil	0.36	7.8	0.6	<0.05	1.8	8.15	19.0	0.04	13	0.5	5.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727196	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	0.46	11.2	0.4	<0.05	2.3	11.74	20.4	0.03	17	0.6	10.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727198	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	5.66	33.35	25.00	155.6	608	27.7	4.2
1727199	Soil	0.24	5.2	0.3	<0.05	1.7	5.20	9.1	0.03	9	0.3	5.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727200	Soil	0.34	8.4	0.5	<0.05	1.6	7.85	15.5	0.03	4	0.5	6.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727301	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	7.57	21.75	25.47	2119	387	222.5	12.6
1727302	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	6.61	24.36	19.83	5828	289	281.0	6.9
1727303	Soil	0.33	14.9	1.3	<0.05	2.0	8.21	15.4	0.04	16	0.7	5.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727305	Soil	0.36	11.2	0.3	<0.05	1.9	8.11	14.7	0.04	9	0.6	5.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727306	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	5.37	38.50	15.81	1802	428	223.5	4.0
1727307	Soil	0.36	12.6	0.3	<0.05	1.9	6.93	16.6	0.03	8	0.5	6.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727308	Soil	0.25	7.1	0.2	<0.05	2.5	6.77	6.9	<0.02	35	0.4	2.7	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727309	Soil	0.38	11.3	0.8	<0.05	1.8	9.67	15.0	0.06	3	0.1	6.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727310	Rock Pulp	0.44	7.0	13.3	<0.05	8.3	5.89	23.2	8.65	2	<0.1	11.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727312	Soil	0.39	10.0	0.4	<0.05	2.2	8.85	17.6	0.03	15	0.5	6.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727313	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727314	Soil	0.34	9.9	0.3	<0.05	1.8	11.20	13.5	<0.02	5	0.5	4.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727316	Soil	0.26	7.3	0.3	<0.05	1.4	6.86	12.3	<0.02	2	0.2	2.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727317	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.78	15.39	7.03	2391	341	253.2	37.0
1727318	Soil	0.27	12.0	0.2	<0.05	1.8	15.27	18.1	<0.02	<1	1.9	5.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727319	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727320	Soil	0.28	11.7	0.4	<0.05	1.7	13.45	19.8	0.03	8	1.2	6.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
	MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727191	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727192	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727193	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727194	Soil	820	1.86	17.8	3.2	1.9	1.0	89.5	6.42	7.82	0.89	40	1.56	0.148	4.7	13.5	0.21	3002	0.005	8	0.49
1727195	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727196	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727198	Soil	95	1.07	7.8	1.8	1.3	0.5	45.3	7.35	4.27	0.27	22	0.69	0.072	2.6	6.7	0.08	3052	0.005	3	0.41
1727199	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727200	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727301	Soil	992	1.45	6.2	13.9	3.6	0.3	123.3	5.08	3.69	0.17	21	3.00	0.097	1.1	9.7	0.30	754.4	0.003	25	0.21
1727302	Soil	428	0.64	3.0	16.8	2.2	0.2	127.2	6.39	3.12	0.11	9	3.42	0.089	0.8	7.9	0.32	718.1	0.002	27	0.15
1727303	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727305	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727306	Soil	184	0.72	4.8	30.8	1.5	0.3	138.0	7.64	2.54	0.38	10	3.37	0.092	1.3	8.2	0.32	181.1	0.002	22	0.16
1727307	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727308	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727309	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727310	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727312	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727313	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727314	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727316	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727317	Soil	1603	3.05	25.0	2.2	<0.2	0.2	85.0	6.70	2.64	0.12	8	2.48	0.108	1.1	5.0	0.24	166.0	0.002	10	0.22
1727318	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727319	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727320	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727191	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727192	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727193	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727194	Soil	0.001	0.08	0.1	2.7	0.29	0.18	793	5.9	0.09	1.1	0.63	<0.1	0.14	0.22	5.0	1.1	<0.05	3.2	8.65	9.6
1727195	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727196	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727198	Soil	0.004	0.03	<0.1	1.6	0.13	0.16	335	3.8	<0.02	1.0	0.46	<0.1	0.04	0.19	3.2	0.3	<0.05	2.3	3.76	5.2
1727199	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727200	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727301	Soil	0.003	0.05	<0.1	0.9	0.65	0.20	518	4.1	0.03	0.6	0.65	<0.1	0.03	0.12	4.1	0.4	<0.05	1.8	1.92	2.5
1727302	Soil	0.003	0.04	<0.1	0.9	1.16	0.48	447	5.7	<0.02	0.4	0.59	<0.1	0.03	0.08	3.2	2.8	<0.05	1.4	1.42	1.6
1727303	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727305	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727306	Soil	0.002	0.04	<0.1	0.8	0.41	0.20	567	3.0	<0.02	0.4	0.45	<0.1	0.02	0.09	2.9	4.6	<0.05	2.0	3.12	2.1
1727307	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727308	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727309	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727310	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727312	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727313	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727314	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727316	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727317	Soil	0.002	0.05	<0.1	1.0	1.40	0.28	352	1.9	<0.02	0.3	1.17	<0.1	<0.02	0.06	4.2	0.6	<0.05	0.7	3.07	2.0
1727318	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727319	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727320	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727191	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727192	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727193	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727194	Soil		<0.02	15	0.4	3.0	21	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727195	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727196	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	7.49	38.89	36.41	402.0	670	52.8	10.5	521	1.35	13.1	3.7	1.4	0.6	84.4
1727197	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727198	Soil		<0.02	<1	0.3	0.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727199	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727200	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727301	Soil		<0.02	8	0.1	1.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727302	Soil		<0.02	28	0.1	1.1	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727303	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727304	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.83	22.37	15.14	1360	227	66.1	3.1	150	0.71	3.6	11.2	0.8	0.2	138.5
1727305	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727306	Soil		<0.02	18	0.2	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727307	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727308	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727309	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727310	Rock Pulp		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727311	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.52	36.19	26.76	3933	616	219.5	17.0	1004	2.15	11.4	7.3	1.5	0.4	141.7
1727312	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727313	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.22	12.91	11.68	1494	307	96.8	12.4	2909	2.26	9.8	6.0	0.9	0.2	96.6
1727314	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727315	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	1.38	11.06	4.93	926.8	2277	95.3	2.8	83	1.88	9.0	1.1	0.8	0.2	48.8
1727316	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727317	Soil		<0.02	4	0.5	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727318	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727319	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.89	24.88	12.24	2438	305	271.0	18.7	991	3.86	50.7	4.1	1.5	0.4	94.1
1727320	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727191	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727192	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727193	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727194	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727195	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727196	Soil	10.25	7.42	0.42	34	1.68	0.122	3.7	9.7	0.10	2634	0.004	<20	0.44	0.002	0.05	0.1	1.8	0.31	0.17	580
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727198	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727199	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727200	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727301	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727302	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727303	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727304	Soil	5.01	1.49	0.15	8	3.45	0.091	0.7	5.5	0.35	278.4	0.002	<20	0.13	0.003	0.05	<0.1	0.6	0.23	0.22	483
1727305	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727306	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727307	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727308	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727309	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727310	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727311	Soil	27.24	4.11	0.12	15	3.13	0.106	1.6	11.5	0.30	340.5	0.003	23	0.27	0.005	0.06	<0.1	1.0	0.58	0.43	853
1727312	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727313	Soil	2.96	2.04	0.07	10	2.51	0.121	0.8	7.1	0.23	263.9	0.002	28	0.16	0.005	0.08	<0.1	0.5	0.68	0.20	488
1727314	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727315	Soil	3.33	0.83	0.06	6	1.39	0.105	1.2	5.5	0.16	108.9	0.001	<20	0.18	0.004	0.07	<0.1	0.5	0.83	0.16	442
1727316	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727317	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727318	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727319	Soil	15.96	4.23	0.12	16	2.48	0.126	1.8	8.2	0.27	244.8	0.002	27	0.32	0.005	0.08	<0.1	0.9	2.15	0.24	349
1727320	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727191	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.7
1727192	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12.8
1727193	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24.0
1727194	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	50.9
1727195	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	17.4
1727196	Soil	5.8	0.04	1.1	0.64	<0.1	0.05	0.23	4.4	3.0	<0.05	2.7	6.05	7.0	<0.02	10	0.3	1.9	<10	<2	63.1
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	18.9
1727198	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	56.1
1727199	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.0
1727200	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	15.5
1727301	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	74.1
1727302	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	77.8
1727303	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	33.2
1727304	Soil	1.8	0.03	0.4	0.44	<0.1	0.03	0.07	2.8	0.8	<0.05	0.9	1.05	1.3	<0.02	30	<0.1	1.0	<10	<2	81.8
1727305	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	22.5
1727306	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	82.5
1727307	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	19.4
1727308	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	63.8
1727309	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	30.4
1727310	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.2
1727311	Soil	4.1	<0.02	0.7	0.66	<0.1	0.03	0.15	5.8	0.3	<0.05	1.5	2.96	3.1	0.02	42	0.2	2.1	<10	<2	69.0
1727312	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	22.3
1727313	Soil	1.7	<0.02	0.4	1.14	<0.1	<0.02	0.07	6.1	0.1	<0.05	0.6	1.66	1.7	<0.02	7	0.1	1.0	<10	<2	81.7
1727314	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	27.6
1727315	Soil	0.9	<0.02	0.2	0.69	<0.1	<0.02	0.06	5.0	<0.1	<0.05	0.5	4.96	2.1	<0.02	<1	0.2	0.3	<10	<2	89.7
1727316	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	30.3
1727317	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	79.7
1727318	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	23.3
1727319	Soil	3.1	<0.02	0.5	1.69	<0.1	<0.02	0.12	7.1	0.2	<0.05	1.0	5.08	3.3	<0.02	4	0.6	1.8	<10	<2	71.5
1727320	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	18.1

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727321	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727322	Soil	16.88	43.62	29.74	3474	657	192.4	33.9	1385	12.05	188.9	6.6	10.2	3.0	41.5	4.48	9.42	0.33	54	0.63	0.141
1727323	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727326	Soil	10.98	32.56	30.06	296.9	403	47.2	17.5	1349	3.04	25.6	2.9	1.4	1.4	62.5	3.99	5.52	0.24	22	0.65	0.068
1727327	Soil	8.97	34.44	31.33	257.9	353	44.2	11.5	662	2.57	21.8	2.4	<0.2	1.4	52.7	2.52	3.84	0.24	21	0.46	0.060
1727328	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727329	Soil	10.95	50.06	43.06	281.3	466	53.2	14.1	405	3.15	24.8	2.2	<0.2	2.0	60.3	2.96	4.67	0.33	24	0.31	0.075
1727330	Rock Pulp	5.28	>10000	4698	>10000	38274	28.3	165.2	765	21.15	104.3	1.1	126.1	3.2	6.3	155.4	4.25	45.39	31	0.61	0.022
1727331	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727332	Soil	6.07	29.82	24.26	236.4	339	34.7	6.5	174	1.98	15.0	1.7	1.1	1.2	43.5	2.37	2.99	0.47	16	0.37	0.055
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727334	Soil	7.58	50.66	31.87	420.6	591	65.3	11.7	248	2.49	22.3	3.2	3.7	1.6	52.5	5.20	4.14	0.32	28	0.53	0.068
1727401	Soil	5.66	67.14	21.47	460.7	611	93.1	7.6	373	1.40	13.8	3.1	4.8	0.6	90.5	6.28	4.82	0.34	26	2.32	0.109
1727402	Soil	9.07	57.70	35.49	526.2	726	89.5	11.7	629	2.27	23.6	3.5	2.6	1.2	77.1	6.05	6.22	0.26	42	1.29	0.118
1727403	Soil	8.58	47.61	41.35	548.6	830	81.3	12.6	409	2.51	30.5	3.1	3.6	1.6	72.4	2.89	5.53	0.29	56	0.92	0.139
1727404	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727405	Soil	5.90	36.42	36.00	314.0	702	68.5	18.8	1201	2.03	19.7	3.8	2.6	1.0	53.1	2.19	3.63	0.19	29	0.61	0.095
1727406	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727407	Soil	10.88	69.62	41.62	648.6	344	91.7	30.4	1871	3.01	20.3	6.6	2.8	1.8	47.6	15.92	5.21	0.24	36	0.48	0.108
1727408	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727409	Soil	7.45	48.48	28.31	662.9	601	98.3	13.8	280	3.76	18.6	3.2	3.5	1.3	81.6	6.36	5.18	0.22	29	1.19	0.103
1727410	Rock Pulp	5.14	>10000	4458	>10000	37485	27.8	174.8	724	20.77	103.8	0.9	145.8	3.2	6.5	151.2	3.24	43.35	30	0.60	0.025
1727451	Soil	3.81	73.26	17.12	124.5	1110	34.3	5.0	156	1.31	9.4	4.3	5.6	0.9	74.5	1.66	3.76	0.52	16	2.26	0.161
1727452	Soil	4.68	40.93	22.24	123.7	1247	22.1	5.0	149	1.60	16.3	2.7	2.7	2.1	34.0	0.70	2.91	0.18	32	0.85	0.174
1727453	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727454	Soil	6.15	70.65	29.76	161.4	1810	31.9	12.2	387	2.09	19.3	5.2	3.9	1.4	39.9	1.38	4.04	0.22	33	1.04	0.130
1727455	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727456	Soil	0.78	6.43	3.12	21.8	206	3.6	0.8	14	0.34	1.8	0.3	<0.2	<0.1	5.8	0.88	0.29	0.05	11	0.04	0.029

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727321	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727322	Soil	12.1	22.3	0.13	336.8	0.009	5	1.04	0.003	0.10	<0.1	3.4	1.74	0.07	497	3.5	0.02	1.9	3.67	0.1	0.07
1727323	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727326	Soil	3.6	7.9	0.07	1333	0.002	<1	0.49	<0.001	0.05	<0.1	4.2	0.30	0.06	316	2.5	0.10	1.3	1.91	<0.1	0.07
1727327	Soil	3.1	7.8	0.06	1379	0.001	<1	0.47	<0.001	0.04	<0.1	4.5	0.25	0.05	355	2.1	0.08	1.1	1.52	<0.1	0.06
1727328	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727329	Soil	3.3	9.6	0.05	1518	<0.001	<1	0.49	<0.001	0.04	<0.1	6.5	0.33	0.06	514	4.0	0.14	1.3	2.03	<0.1	0.03
1727330	Rock Pulp	10.7	19.7	1.22	21.2	0.041	4	1.48	0.078	0.20	14.4	3.4	2.53	>10	8521	18.1	0.36	11.9	0.63	0.2	0.27
1727331	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727332	Soil	2.6	6.2	0.05	1170	0.001	<1	0.40	0.001	0.03	<0.1	3.6	0.23	0.05	273	3.2	0.10	0.9	1.74	<0.1	<0.02
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727334	Soil	5.0	11.1	0.08	1683	0.002	<1	0.57	0.001	0.04	<0.1	4.6	0.31	0.10	380	5.7	0.10	1.4	1.63	<0.1	0.03
1727401	Soil	4.5	9.3	0.18	1429	0.005	4	0.41	<0.001	0.05	<0.1	1.6	0.21	0.17	366	4.0	0.05	0.8	0.91	<0.1	0.04
1727402	Soil	6.4	17.1	0.16	2221	0.006	2	0.63	<0.001	0.06	0.2	3.2	0.33	0.12	607	3.5	0.05	1.6	1.54	<0.1	0.08
1727403	Soil	10.2	20.8	0.14	1758	0.006	4	0.84	0.006	0.09	0.1	3.7	0.43	0.08	586	3.2	0.05	2.2	1.79	<0.1	0.05
1727404	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727405	Soil	5.8	11.7	0.09	1664	0.005	2	0.55	0.017	0.05	<0.1	3.0	0.29	0.07	437	2.9	0.05	1.7	1.31	<0.1	0.05
1727406	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727407	Soil	8.8	14.4	0.10	1556	0.004	<1	0.72	0.002	0.06	<0.1	4.1	1.00	0.07	501	3.5	0.07	1.7	3.01	<0.1	0.07
1727408	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727409	Soil	4.7	11.2	0.13	1319	0.002	3	0.63	0.002	0.05	<0.1	4.0	0.46	0.13	412	6.0	0.09	1.5	1.84	<0.1	0.05
1727410	Rock Pulp	10.7	19.8	1.20	16.6	0.043	3	1.48	0.077	0.19	13.6	3.2	2.43	>10	9333	18.5	0.45	11.7	0.63	0.1	0.26
1727451	Soil	7.9	8.3	0.34	925.9	0.008	6	0.55	0.005	0.07	0.1	1.8	0.23	0.18	137	5.1	0.05	1.0	0.58	<0.1	0.09
1727452	Soil	10.4	9.4	0.23	855.3	0.010	2	0.57	0.006	0.08	<0.1	2.2	0.25	0.05	124	2.1	0.08	1.6	0.87	<0.1	0.05
1727453	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727454	Soil	9.7	12.2	0.26	708.0	0.009	2	0.73	0.008	0.07	0.1	2.6	0.26	0.08	190	3.2	<0.02	1.8	0.88	<0.1	0.06
1727455	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727456	Soil	1.9	3.6	0.02	77.1	0.004	<1	0.26	0.020	0.03	<0.1	0.2	0.04	<0.02	36	0.2	<0.02	1.0	0.18	<0.1	<0.02

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727321	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727322	Soil	0.41	13.6	0.5	<0.05	1.9	12.58	20.6	0.05	10	1.5	6.0	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727323	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727326	Soil	0.11	6.9	0.4	<0.05	2.9	4.74	8.2	0.03	10	0.4	5.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727327	Soil	0.10	5.7	0.4	<0.05	1.9	4.85	6.9	0.03	17	0.5	5.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727328	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	1.56	17.90	6.37	166.2	186	35.0	3.4
1727329	Soil	0.08	6.1	0.5	<0.05	2.2	6.03	7.6	0.05	30	0.7	5.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727330	Rock Pulp	0.49	7.1	20.8	<0.05	8.5	6.06	23.8	9.06	1	0.2	11.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727331	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.89	56.64	10.75	529.9	251	83.4	18.9
1727332	Soil	0.09	6.0	0.3	<0.05	1.7	3.97	5.7	0.04	23	0.4	5.0	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727334	Soil	0.21	6.2	0.6	<0.05	2.0	6.87	10.8	0.03	15	0.3	7.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727401	Soil	0.21	5.9	0.3	<0.05	3.1	8.87	8.1	<0.02	7	0.3	3.2	13	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727402	Soil	0.32	8.4	0.4	<0.05	3.7	8.57	12.2	<0.02	16	0.5	5.7	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727403	Soil	0.37	10.2	1.6	<0.05	2.2	9.63	20.6	0.03	10	0.4	9.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727404	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.45	29.69	17.09	269.4	242	40.4	8.8
1727405	Soil	0.27	5.6	0.3	<0.05	1.2	7.23	13.3	<0.02	8	0.4	5.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727406	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727407	Soil	0.29	8.9	1.2	<0.05	1.8	14.33	17.1	0.03	15	1.0	7.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727408	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.68	24.82	5.99	671.7	202	98.9	7.2
1727409	Soil	0.33	8.0	0.3	<0.05	2.1	6.95	9.3	0.02	24	0.4	6.2	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727410	Rock Pulp	0.47	7.4	14.1	<0.05	9.0	6.60	24.5	8.56	1	0.3	11.7	<10	<2	5.09	>10000	4676	>10000	38513	31.2	184.4
1727451	Soil	0.39	4.3	0.2	<0.05	3.4	9.28	12.9	0.03	75	0.3	4.7	<10	4	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727452	Soil	0.48	5.9	0.2	<0.05	2.2	7.46	18.9	<0.02	7	0.3	7.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727453	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727454	Soil	0.58	7.1	0.8	<0.05	2.6	8.46	18.1	0.02	10	0.3	8.7	17	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727455	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.57	6.52	10.44	73.3	2032	5.7	1.0
1727456	Soil	0.03	1.2	0.2	<0.05	0.2	0.64	3.7	<0.02	<1	<0.1	1.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
		MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727321	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727322	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727323	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727325	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727326	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727327	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727328	Soil		48	0.51	2.4	0.6	1.4	0.2	62.8	4.43	1.13	0.25	5	1.07	0.081	1.2	6.9	0.09	676.0	0.005	5	0.16
1727329	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727330	Rock Pulp		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727331	Soil		1697	1.21	3.2	1.9	<0.2	0.3	76.2	13.97	3.55	0.13	6	1.63	0.119	1.4	4.5	0.10	1068	0.002	6	0.26
1727332	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727333	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727334	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727401	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727402	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727403	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727404	Soil		542	1.24	7.3	3.0	1.4	0.6	84.7	4.15	3.51	0.14	14	2.39	0.112	2.5	7.3	0.21	1135	0.005	11	0.34
1727405	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727406	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727407	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727408	Soil		174	0.72	1.1	1.4	<0.2	0.3	102.3	8.25	2.15	0.06	6	2.54	0.092	0.9	4.1	0.15	626.4	0.003	12	0.16
1727409	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727410	Rock Pulp		733	22.68	101.3	0.9	93.2	3.0	4.8	146.3	11.87	42.34	26	0.55	0.024	10.3	19.9	1.21	21.5	0.038	5	1.36
1727451	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727452	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727453	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727454	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727455	Soil		61	0.28	1.5	0.2	<0.2	<0.1	23.7	5.15	0.31	0.07	4	0.35	0.133	1.4	5.7	0.05	286.4	0.006	1	0.22
1727456	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727321	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727322	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727323	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727326	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727327	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727328	Soil	0.002	0.05	<0.1	1.2	0.04	0.17	174	2.0	<0.02	0.5	0.35	<0.1	<0.02	0.14	2.0	1.1	<0.05	0.7	1.89	2.6
1727329	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727330	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727331	Soil	0.003	0.06	<0.1	1.8	0.10	0.20	188	7.4	0.08	0.4	0.62	<0.1	0.07	0.07	3.8	0.2	<0.05	2.7	5.24	3.4
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727334	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727401	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727402	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727403	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727404	Soil	0.002	0.05	<0.1	1.3	0.15	0.17	261	3.6	0.05	0.9	0.82	<0.1	0.07	0.19	4.7	0.1	<0.05	2.8	4.54	5.1
1727405	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727406	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727407	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727408	Soil	0.002	0.03	<0.1	0.7	0.11	0.22	151	8.2	<0.02	0.3	0.40	<0.1	0.04	0.12	2.6	0.1	<0.05	1.7	2.11	1.9
1727409	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727410	Rock Pulp	0.021	0.17	15.0	2.4	2.33	>10	4333	19.8	0.33	12.1	0.62	0.2	0.16	0.39	6.8	13.2	<0.05	6.0	5.61	22.3
1727451	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727452	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727453	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727454	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727455	Soil	0.003	0.09	<0.1	0.7	0.03	0.11	210	0.7	<0.02	0.5	0.13	<0.1	<0.02	0.07	1.8	5.1	<0.05	0.3	0.73	2.5
1727456	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727321	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.61	15.49	9.69	1316	387	123.1	18.4	1541	2.76	33.7	1.8	0.9	0.3	54.7
1727322	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727323	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.58	29.67	9.44	3519	462	343.6	31.9	3112	2.58	25.7	3.5	1.4	0.3	89.9
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	15.62	38.48	28.29	3760	654	218.5	34.5	2090	9.30	154.6	5.8	1.2	2.7	40.0
1727325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.44	21.94	4.49	272.2	74	29.1	1.7	52	0.46	3.6	0.6	0.4	0.3	69.6
1727326	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727327	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727328	Soil	<0.02	5	0.1	0.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727329	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727330	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727331	Soil	0.02	22	0.4	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.28	50.74	8.63	892.3	375	115.9	22.3	1084	1.53	4.0	2.2	2.2	0.3	107.1
1727334	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727401	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727402	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727403	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727404	Soil	<0.02	5	0.4	2.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727405	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727406	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	5.76	40.73	14.28	525.6	418	73.5	6.5	284	1.20	5.6	2.3	2.1	0.5	70.7
1727407	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727408	Soil	<0.02	9	0.1	0.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727409	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727410	Rock Pulp	10.17	<1	0.1	12.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727451	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727452	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727453	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.61	88.50	11.68	66.8	756	41.0	5.7	259	1.02	4.7	6.3	2.0	0.7	96.7
1727454	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727455	Soil	<0.02	<1	0.1	0.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727456	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727321	Soil	3.46	2.63	0.08	11	1.45	0.110	1.5	10.0	0.15	188.4	0.002	21	0.21	0.005	0.09	<0.1	0.7	1.02	0.20	387
1727322	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727323	Soil	20.85	2.85	0.10	11	2.37	0.139	1.9	6.5	0.25	373.2	0.002	23	0.26	0.005	0.08	0.3	0.8	1.82	0.24	370
1727324	Soil	4.70	7.64	0.28	54	0.65	0.124	8.3	19.0	0.14	438.2	0.005	<20	0.96	0.007	0.08	<0.1	2.8	1.39	0.07	517
1727325	Soil	8.20	1.12	0.08	5	1.55	0.084	0.6	5.6	0.11	382.4	0.002	20	0.12	0.006	0.03	<0.1	0.8	0.06	0.23	133
1727326	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727327	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727328	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727329	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727330	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727331	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727333	Soil	8.21	3.05	0.10	8	2.41	0.122	1.6	7.8	0.19	1059	0.002	21	0.29	0.009	0.04	<0.1	1.4	0.10	0.21	170
1727334	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727401	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727402	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727403	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727404	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727405	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727406	Soil	10.86	2.56	0.13	12	1.71	0.105	2.2	7.3	0.18	1001	0.002	<20	0.31	0.007	0.05	<0.1	1.5	0.27	0.19	329
1727407	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727408	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727409	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727410	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727451	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727452	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727453	Soil	2.18	3.59	0.10	10	3.01	0.103	6.7	7.3	0.38	721.4	0.005	<20	0.44	0.008	0.04	<0.1	1.2	0.10	0.20	142
1727454	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727455	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727456	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727321	Soil	1.5	<0.02	0.4	0.79	<0.1	0.02	0.11	7.1	0.2	<0.05	0.6	2.86	2.8	<0.02	<1	0.2	1.2	<10	<2	79.4
1727322	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	19.8
1727323	Soil	2.3	0.03	0.5	1.11	<0.1	0.03	0.11	7.9	0.1	<0.05	0.9	5.42	3.3	<0.02	9	0.5	1.6	<10	<2	78.6
1727324	Soil	3.2	0.04	1.7	2.78	<0.1	0.02	0.27	10.0	0.3	<0.05	1.4	10.67	15.1	0.04	9	1.1	6.0	<10	<2	21.0
1727325	Soil	2.3	0.02	0.2	0.50	<0.1	0.07	0.06	2.4	0.1	<0.05	2.3	0.89	1.3	<0.02	3	0.1	0.5	<10	<2	79.7
1727326	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.0
1727327	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12.4
1727328	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	89.2
1727329	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.8
1727330	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.3
1727331	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	70.5
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.9
1727333	Soil	6.8	0.03	0.5	0.43	<0.1	0.06	0.10	3.6	0.2	<0.05	2.6	5.19	3.1	0.02	34	0.4	1.7	<10	2	75.2
1727334	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.7
1727401	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	55.7
1727402	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	31.5
1727403	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	19.1
1727404	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	60.7
1727405	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	15.7
1727406	Soil	5.4	0.02	0.7	1.20	<0.1	0.07	0.17	6.3	0.2	<0.05	3.4	5.50	4.2	<0.02	5	0.3	2.4	18	<2	62.4
1727407	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.9
1727408	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	80.9
1727409	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	26.2
1727410	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14.5
1727451	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	47.9
1727452	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12.4
1727453	Soil	5.2	0.04	0.7	0.28	<0.1	0.12	0.38	2.5	<0.1	<0.05	5.3	9.16	11.1	<0.02	43	0.3	2.4	<10	<2	73.6
1727454	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	23.2
1727455	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	86.2
1727456	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.7

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727457	Soil	1.32	9.90	4.81	42.5	1646	5.3	0.7	34	0.31	1.6	0.2	1.2	<0.1	16.0	1.46	0.19	0.10	6	0.09	0.102
1727458	Soil	1.03	6.55	3.77	26.0	59	4.5	1.0	26	0.59	3.2	0.2	<0.2	<0.1	4.3	0.19	0.39	0.03	14	0.03	0.037
1727459	Soil	1.33	25.07	4.66	109.9	255	10.6	1.9	181	0.60	3.8	1.0	1.1	0.2	51.2	1.88	1.26	0.08	8	2.23	0.075
1727460	Soil	0.08	4.22	0.56	13.1	23	1.6	0.6	49	0.18	0.3	0.1	<0.2	<0.1	11.6	0.22	0.12	0.04	5	0.34	0.039
1727461	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727462	Soil	4.76	95.26	24.67	489.3	1486	35.7	7.3	153	2.46	17.4	2.6	5.0	1.2	40.6	5.52	3.34	0.18	27	1.19	0.114
1727463	Soil	0.87	27.19	3.77	155.8	223	13.6	2.2	318	0.37	2.0	2.3	<0.2	<0.1	57.8	8.05	0.89	0.07	5	2.29	0.077
1727464	Soil	1.89	36.81	11.49	198.4	500	24.9	4.2	278	1.26	9.3	1.9	1.3	0.6	39.4	3.63	1.39	0.10	14	1.55	0.079
1727465	Soil	3.90	47.42	25.46	369.7	666	52.4	8.5	166	3.90	13.5	2.0	1.9	1.4	51.3	3.58	2.40	0.15	31	1.58	0.102
1727466	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727467	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727468	Soil	4.53	4.95	3.74	14.6	224	11.5	0.6	11	0.34	5.1	0.2	<0.2	<0.1	2.1	0.07	0.74	0.07	78	<0.01	0.012
1727469	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727470	Soil	20.40	30.41	14.90	111.8	412	49.3	2.4	49	1.67	26.6	1.2	0.2	<0.1	5.0	0.60	3.81	0.18	96	0.02	0.082
1727471	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727472	Soil	19.22	33.88	19.60	265.1	1318	66.6	5.1	104	2.55	29.5	2.1	1.6	4.4	6.9	0.59	4.96	0.18	86	0.04	0.092
1727473	Soil	2.31	7.46	4.31	30.6	3649	5.3	0.8	26	0.27	1.4	0.3	<0.2	<0.1	16.3	1.04	0.20	0.05	7	0.05	0.114
1727474	Soil	25.63	68.89	19.71	558.7	1719	129.3	13.4	274	2.80	33.5	4.5	1.5	3.8	18.2	1.44	6.91	0.16	85	0.18	0.157
1727475	Soil	1.50	17.47	7.03	40.1	1223	13.6	1.7	19	0.65	2.0	3.3	<0.2	0.2	18.3	1.37	0.49	0.07	19	0.14	0.059
1727476	Soil	3.38	21.59	8.91	103.8	639	29.2	4.4	64	1.17	7.9	2.2	0.5	0.2	14.2	0.74	1.07	0.10	31	0.14	0.054
1727477	Soil	2.18	21.54	10.10	71.1	421	16.5	4.0	370	1.02	6.5	2.3	0.6	0.6	77.5	1.64	1.06	0.10	18	1.71	0.110
1727478	Soil	2.09	24.31	11.47	87.3	385	22.0	4.5	463	0.99	5.8	2.7	0.7	0.8	66.8	2.70	1.12	0.10	20	1.55	0.101
1727479	Soil	2.68	53.90	7.42	167.1	515	36.5	3.6	176	0.75	5.7	0.8	<0.2	0.5	91.2	4.40	1.71	0.09	13	2.82	0.102
1727480	Soil	10.20	68.62	33.74	395.7	1016	58.0	10.8	181	2.95	29.2	2.1	4.4	4.7	31.4	1.65	4.38	0.22	65	0.57	0.152
1727481	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727482	Soil	8.61	54.16	29.14	342.9	822	55.7	12.3	263	2.95	31.7	2.7	2.1	3.4	28.8	1.33	3.45	0.31	54	0.34	0.108
1727483	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727484	Soil	33.31	60.43	54.01	208.3	372	60.2	14.0	328	4.41	39.9	3.8	1.1	2.8	26.4	1.49	8.88	0.21	56	0.45	0.127
1727485	Soil	1.19	20.55	4.91	41.2	211	7.2	1.7	11	0.41	2.3	0.9	<0.2	0.3	42.0	4.44	0.35	0.12	7	0.59	0.040
1727486	Soil	3.10	59.65	13.12	52.9	17	34.9	17.6	41	2.75	30.5	0.6	<0.2	7.7	5.3	0.74	3.44	0.56	10	0.05	0.027

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727457	Soil	1.3	6.7	0.04	213.1	0.005	<1	0.27	0.011	0.08	<0.1	0.3	0.03	0.06	109	0.4	<0.02	0.6	0.24	<0.1	<0.02
1727458	Soil	1.5	3.2	0.02	30.9	0.005	<1	0.20	0.018	0.02	<0.1	<0.1	0.04	<0.02	15	0.2	<0.02	0.9	0.16	<0.1	<0.02
1727459	Soil	3.0	4.3	0.11	278.2	0.009	2	0.46	0.024	0.02	<0.1	0.5	0.05	0.10	63	1.6	<0.02	1.1	0.20	<0.1	0.04
1727460	Soil	1.4	0.9	0.03	48.0	0.011	<1	0.21	0.049	0.03	<0.1	0.3	0.02	<0.02	8	0.1	<0.02	0.5	0.05	<0.1	<0.02
1727461	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727462	Soil	8.4	11.4	0.16	404.2	0.007	1	0.71	0.007	0.04	<0.1	2.5	0.20	0.08	323	3.3	0.05	2.0	0.87	<0.1	0.05
1727463	Soil	2.2	3.7	0.09	291.3	0.008	2	0.39	0.017	0.03	<0.1	0.5	0.06	0.16	101	3.1	<0.02	0.9	0.27	<0.1	0.04
1727464	Soil	6.4	6.9	0.15	235.6	0.012	2	0.53	0.024	0.03	<0.1	1.1	0.11	0.07	137	1.8	0.02	1.3	0.66	<0.1	0.04
1727465	Soil	6.9	16.7	0.19	477.9	0.007	3	0.79	0.009	0.06	<0.1	2.5	0.27	0.17	428	11.2	<0.02	1.9	1.00	<0.1	0.08
1727466	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727467	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727468	Soil	2.8	7.0	0.05	42.8	0.010	<1	0.31	0.007	0.03	0.2	0.2	0.22	<0.02	12	0.3	0.03	2.0	0.55	<0.1	<0.02
1727469	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727470	Soil	10.2	10.3	0.05	66.9	0.005	<1	0.52	<0.001	0.05	0.3	0.2	0.33	<0.02	25	1.1	0.06	2.5	0.73	<0.1	<0.02
1727471	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727472	Soil	12.9	15.1	0.17	91.6	0.034	<1	0.82	<0.001	0.05	0.5	1.6	0.35	<0.02	97	1.6	0.08	2.6	0.74	<0.1	0.05
1727473	Soil	1.1	2.7	0.02	168.1	0.004	<1	0.27	0.012	0.04	<0.1	0.5	0.05	0.05	152	0.5	<0.02	0.5	0.23	<0.1	<0.02
1727474	Soil	15.2	16.6	0.17	112.3	0.020	2	1.03	<0.001	0.08	0.7	2.3	0.67	<0.02	320	1.9	0.18	1.9	0.74	<0.1	0.06
1727475	Soil	5.6	6.9	0.05	227.3	0.009	<1	0.47	0.011	0.04	0.1	0.7	0.13	0.06	122	1.7	<0.02	1.4	0.58	<0.1	<0.02
1727476	Soil	7.4	10.3	0.26	168.4	0.009	<1	0.69	0.014	0.04	0.1	0.6	0.15	<0.02	100	1.4	<0.02	2.1	0.67	<0.1	<0.02
1727477	Soil	5.2	9.1	0.16	282.3	0.014	3	0.59	0.018	0.04	<0.1	0.9	0.09	0.10	98	3.0	<0.02	1.8	0.60	<0.1	0.05
1727478	Soil	5.9	9.5	0.20	286.6	0.011	2	0.64	0.015	0.04	0.1	1.0	0.11	0.10	114	2.8	<0.02	1.6	0.59	<0.1	0.06
1727479	Soil	3.1	7.5	0.15	277.3	0.006	4	0.34	0.004	0.05	<0.1	1.0	0.07	0.20	190	1.4	<0.02	0.6	0.43	<0.1	0.08
1727480	Soil	16.4	23.9	0.43	268.6	0.014	3	0.92	0.002	0.09	0.2	3.4	0.26	<0.02	324	1.9	0.02	2.9	1.30	<0.1	0.06
1727481	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727482	Soil	15.4	20.5	0.26	397.3	0.012	1	1.21	0.004	0.10	0.2	2.9	0.21	0.03	221	1.5	0.08	3.5	1.37	<0.1	0.06
1727483	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727484	Soil	13.2	10.1	0.06	4235	0.005	<1	0.65	0.002	0.13	0.1	3.4	0.30	0.03	63	3.5	0.11	1.2	0.91	<0.1	0.05
1727485	Soil	4.4	4.2	0.04	305.3	0.011	1	0.46	0.012	0.03	<0.1	0.8	0.06	0.07	50	0.7	<0.02	1.4	0.47	<0.1	0.04
1727486	Soil	38.6	3.8	0.02	55.4	0.002	<1	0.20	0.001	0.04	<0.1	2.1	0.07	<0.02	<5	0.9	0.06	1.1	2.33	<0.1	<0.02

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727457	Soil		0.07	1.7	0.3	<0.05	<0.1	0.46	2.3	<0.02	<1	0.1	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727458	Soil		0.03	1.9	0.2	<0.05	<0.1	0.52	2.7	<0.02	1	<0.1	0.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727459	Soil		0.33	1.4	0.2	<0.05	2.2	1.99	5.5	<0.02	<1	0.2	1.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727460	Soil		0.12	0.5	<0.1	<0.05	0.6	0.65	3.0	<0.02	1	<0.1	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727461	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	1.08	26.44	3.14	243.3	271	13.7	2.2
1727462	Soil		0.47	4.7	0.3	<0.05	3.0	7.60	15.1	0.03	4	0.5	7.9	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727463	Soil		0.25	1.9	0.2	<0.05	1.9	1.78	4.1	<0.02	2	<0.1	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727464	Soil		0.48	3.4	0.4	<0.05	1.9	5.10	11.4	<0.02	2	0.2	4.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727465	Soil		0.58	7.5	0.2	<0.05	2.9	7.03	12.6	<0.02	25	0.4	9.5	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727466	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.06	30.00	8.75	240.5	211	37.9	27.4
1727467	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	1.98	8.04	4.19	42.3	5145	6.0	1.0
1727468	Soil		0.19	3.3	0.3	<0.05	<0.1	0.91	4.6	<0.02	<1	0.2	1.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727469	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727470	Soil		0.25	6.1	0.6	<0.05	0.1	2.88	16.3	0.03	<1	0.2	1.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727471	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.88	20.00	10.44	29.7	7784	10.9	1.2
1727472	Soil		1.54	6.6	0.4	<0.05	3.9	4.63	24.5	0.03	<1	0.4	10.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727473	Soil		0.02	1.1	0.8	<0.05	0.1	0.39	1.8	<0.02	<1	<0.1	0.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727474	Soil		1.10	7.4	0.4	<0.05	3.9	12.55	26.1	0.03	<1	1.2	11.1	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727475	Soil		0.25	3.4	0.7	<0.05	0.6	3.78	10.1	<0.02	2	0.2	2.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727476	Soil		0.29	4.3	0.2	<0.05	0.2	4.24	12.5	<0.02	1	0.3	6.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727477	Soil		0.85	4.4	0.2	<0.05	2.8	3.51	9.6	<0.02	10	0.2	4.8	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727478	Soil		0.93	4.8	0.1	<0.05	3.1	3.94	10.5	<0.02	7	0.4	5.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727479	Soil		0.21	3.9	0.9	<0.05	2.3	3.90	5.1	<0.02	2	0.2	2.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727480	Soil		0.59	9.2	0.5	<0.05	2.9	10.34	30.5	0.05	2	0.7	16.1	15	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727481	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.33	36.90	14.69	109.7	675	29.7	6.7
1727482	Soil		0.70	10.4	0.6	<0.05	2.4	8.07	29.6	0.04	1	0.7	16.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727483	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727484	Soil		0.19	6.9	0.9	<0.05	1.4	11.02	25.8	0.03	2	0.2	2.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727485	Soil		0.22	1.6	0.3	<0.05	1.3	1.29	8.8	<0.02	<1	0.3	0.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727486	Soil		0.10	5.3	0.9	<0.05	0.4	2.08	74.7	0.03	<1	0.2	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
		MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727457	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727458	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727459	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727460	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727461	Soil		53	0.40	1.4	4.9	1.1	0.2	54.3	13.10	0.90	0.11	7	1.88	0.070	1.6	5.8	0.08	265.5	0.006	4	0.24
1727462	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727463	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727464	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727465	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727466	Soil		3449	6.57	14.0	3.1	2.0	0.6	66.6	9.94	1.68	0.03	14	2.22	0.114	2.6	8.1	0.13	716.1	0.006	4	0.31
1727467	Soil		50	0.18	1.5	0.1	<0.2	<0.1	21.9	1.61	0.24	0.04	7	0.09	0.131	0.9	3.5	0.03	182.5	0.006	2	0.29
1727468	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727469	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727470	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727471	Soil		43	0.49	2.0	1.0	4.8	<0.1	20.5	2.25	0.40	0.06	15	0.11	0.239	4.0	3.6	0.02	283.2	0.004	<1	0.45
1727472	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727473	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727474	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727475	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727476	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727477	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727478	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727479	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727480	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727481	Soil		102	1.17	7.9	2.0	1.0	1.0	44.5	2.17	2.08	0.11	18	0.86	0.103	6.9	8.2	0.07	394.0	0.009	3	0.48
1727482	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727483	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727484	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727485	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727486	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727457	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727458	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727459	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727460	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727461	Soil	0.005	0.02	<0.1	0.5	<0.02	0.24	101	4.7	<0.02	0.8	0.26	<0.1	0.03	0.20	1.5	<0.1	<0.05	2.1	1.27	2.7
1727462	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727463	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727464	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727465	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727466	Soil	0.004	0.05	<0.1	1.6	0.15	0.24	213	15.1	0.03	0.8	0.32	<0.1	0.03	0.26	3.2	1.0	<0.05	1.8	3.27	4.7
1727467	Soil	0.003	0.07	<0.1	0.6	0.04	0.10	194	0.7	<0.02	0.5	0.22	<0.1	<0.02	0.07	1.1	0.3	<0.05	0.2	0.33	1.7
1727468	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727469	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727470	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727471	Soil	0.004	0.07	<0.1	0.2	0.04	0.08	220	0.9	<0.02	1.1	0.32	<0.1	<0.02	0.08	2.2	0.6	<0.05	<0.1	2.25	6.8
1727472	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727473	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727474	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727475	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727476	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727477	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727478	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727479	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727480	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727481	Soil	0.003	0.07	<0.1	1.5	0.09	0.12	188	1.4	0.06	1.2	0.64	<0.1	0.03	0.36	4.3	0.8	<0.05	1.3	7.44	13.4
1727482	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727483	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727484	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727485	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727486	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727457	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727458	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727459	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727460	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727461	Soil		<0.02	<1	0.1	0.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727462	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727463	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727464	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727465	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727466	Soil		<0.02	54	0.1	2.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727467	Soil		<0.02	<1	<0.1	0.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727468	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727469	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	2.47	4.61	4.40	33.9	10277	3.1	0.6	56	0.17	1.2	0.1	<0.2	<0.1	14.5
1727470	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727471	Soil		<0.02	<1	0.5	0.4	13	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727472	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727473	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727474	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727475	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727476	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727477	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727478	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727479	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727480	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727481	Soil		<0.02	2	0.3	3.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727482	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727483	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	1.81	10.62	2.33	97.8	1919	7.6	1.0	89	0.30	2.2	0.6	<0.2	0.1	80.4
1727484	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727485	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727486	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
		Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
		MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727457	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727458	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727459	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727460	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727461	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727462	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727463	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727464	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727465	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727466	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727467	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727468	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727469	Soil		0.52	0.23	0.03	5	0.09	0.133	0.6	3.3	0.03	100.0	0.002	<20	0.27	0.009	0.09	<0.1	0.3	0.03	0.09	171
1727470	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727471	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727472	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727473	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727474	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727475	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727476	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727477	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727478	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727479	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727480	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727481	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727482	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727483	Soil		4.90	0.45	0.07	5	2.57	0.081	1.0	4.8	0.18	257.0	0.006	<20	0.17	0.009	0.04	<0.1	0.3	0.04	0.16	157
1727484	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727485	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727486	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
		Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727457	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	55.0
1727458	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6.1
1727459	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	45.1
1727460	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.4
1727461	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	74.4
1727462	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	25.4
1727463	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	57.2
1727464	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24.9
1727465	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	35.8
1727466	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	66.3
1727467	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	79.0
1727468	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4.8
1727469	Soil		0.3	<0.02	0.4	0.12	<0.1	<0.02	0.06	1.3	1.4	<0.05	0.1	0.26	1.0	<0.02	<1	<0.1	0.2	<10	<2	71.7
1727470	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	8.9
1727471	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	64.9
1727472	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4.7
1727473	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	44.8
1727474	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6.9
1727475	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	31.9
1727476	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.2
1727477	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	34.0
1727478	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	31.5
1727479	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	79.3
1727480	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.5
1727481	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	71.8
1727482	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12.3
1727483	Soil		0.9	<0.02	0.4	0.33	<0.1	0.03	0.16	1.7	0.1	<0.05	1.2	0.76	2.0	<0.02	2	<0.1	0.4	<10	<2	76.4
1727484	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	9.2
1727485	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	49.7
1727486	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.4

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1727487	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727488	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727489	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727490	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727491	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727492	Soil		13.77	53.82	21.10	248.6	588	62.6	10.3	252	2.72	30.6	2.8	4.2	4.3	26.5	1.00	5.00	0.25	56	0.18	0.104
1727493	Soil		9.70	50.98	37.60	1102	1519	114.5	13.8	343	2.11	28.6	1.6	3.3	2.0	18.2	13.40	11.54	0.12	567	0.04	0.062

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Suite 3300, 550 Burrard St.
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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1727487	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727488	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727489	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727490	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727491	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727492	Soil		23.2	19.3	0.19	326.1	0.018	1	0.96	0.003	0.11	0.2	2.7	0.31	<0.02	158	2.2	0.10	2.7	1.65	<0.1	<0.02
1727493	Soil		4.4	48.2	0.11	>10000	0.093	<1	2.62	<0.001	0.05	0.2	5.4	1.12	0.06	1389	5.7	0.10	3.1	0.34	<0.1	0.19

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
1727487	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727488	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.00	27.90	12.45	161.2	381	37.6	8.2
1727489	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727490	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	15.22	58.62	30.28	292.4	726	67.6	9.5
1727491	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.74	27.70	16.01	202.6	4099	43.3	9.7
1727492	Soil		0.59	9.2	0.5	<0.05	1.0	8.67	46.7	0.03	<1	0.6	15.1	12	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727493	Soil		0.56	2.7	0.6	<0.05	7.2	11.01	9.7	<0.02	3	0.8	1.0	83	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
	MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
1727487	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727488	Soil	486	1.46	13.5	4.8	0.3	0.6	39.0	2.52	1.66	0.11	20	0.77	0.100	5.9	7.1	0.11	235.8	0.012	1	0.66
1727489	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727490	Soil	291	2.54	36.7	2.4	4.8	1.7	33.2	1.50	5.99	0.29	49	0.20	0.128	17.0	18.3	0.17	345.3	0.014	2	0.70
1727491	Soil	83	0.95	13.5	1.2	1.6	0.4	32.1	5.13	2.10	0.10	20	0.21	0.122	4.3	7.4	0.06	1249	0.007	3	0.39
1727492	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
	Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
1727487	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727488	Soil	0.015	0.03	<0.1	0.9	0.14	0.07	77	1.7	0.05	1.8	1.53	<0.1	0.05	0.39	4.8	0.2	<0.05	2.0	4.11	10.8
1727489	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727490	Soil	0.005	0.07	0.2	2.2	0.24	<0.02	162	2.2	0.03	2.5	1.18	<0.1	<0.02	0.25	7.9	0.5	<0.05	0.4	7.96	28.6
1727491	Soil	0.002	0.09	0.1	0.9	0.13	0.09	269	1.2	0.04	1.0	0.49	<0.1	<0.02	0.23	3.7	1.6	<0.05	0.6	3.80	8.3
1727492	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
1727487	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.26	27.75	13.47	191.3	530	33.4	8.3	561	1.34	13.3	4.6	0.9	0.5	55.0
1727488	Soil		<0.02	3	0.4	4.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727489	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.52	52.87	17.93	125.0	3242	47.8	4.9	79	0.88	5.7	1.9	0.6	<0.1	35.6
1727490	Soil		<0.02	<1	0.4	11.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727491	Soil		<0.02	<1	0.2	2.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727492	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727493	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: 204500
Report Date: November 01, 2012

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	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
1727487	Soil	4.92	1.66	0.13	19	1.23	0.119	5.6	7.3	0.16	245.5	0.009	<20	0.50	0.009	0.05	0.2	0.9	0.17	0.11	119
1727488	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727489	Soil	8.11	1.38	0.11	14	0.25	0.136	5.3	5.2	0.04	1178	0.001	<20	0.43	0.005	0.08	<0.1	0.3	0.05	0.10	375
1727490	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727491	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727492	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

CERTIFICATE OF ANALYSIS WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
1727487	Soil	1.5	0.05	1.4	1.60	<0.1	0.05	0.42	6.3	0.8	<0.05	1.8	4.19	11.5	<0.02	3	0.5	4.1	<10	<2	45.6
1727488	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	23.0
1727489	Soil	1.4	0.02	0.8	0.40	<0.1	<0.02	0.17	2.5	1.7	<0.05	<0.1	5.74	10.3	0.02	<1	0.5	1.1	<10	<2	80.0
1727490	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6.2
1727491	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	70.1
1727492	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4.8
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6.5

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
1727118	Soil	1.13	19.27	9.07	9.6	3424	3.7	0.6	11	0.30	2.2	0.4	0.5	<0.1	6.3	1.26	0.34	0.13	9	0.01	0.016
REP 1727118	QC																				
1727125	Soil	4.85	82.23	25.34	694.4	1373	201.7	46.0	2794	8.07	40.0	2.3	1.3	0.9	137.7	5.29	3.25	0.11	130	0.96	0.147
REP 1727125	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727149	Soil	18.78	58.05	87.22	2516	1008	249.5	26.2	598	6.47	27.2	8.4	2.8	1.3	110.7	7.13	12.26	0.19	45	1.62	0.122
REP 1727149	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727156	Soil	6.73	28.53	20.42	78.0	192	17.2	3.9	54	1.31	9.1	0.9	<0.2	<0.1	33.3	0.60	1.73	0.15	53	<0.01	0.100
REP 1727156	QC																				
1727161	Soil	29.26	85.56	43.57	380.7	1128	115.2	19.5	306	3.68	34.0	3.7	6.3	1.3	102.7	3.29	11.20	0.20	91	0.22	0.179
REP 1727161	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727186	Soil	17.61	23.95	21.31	248.4	525	45.1	2.6	92	16.50	26.1	4.5	<0.2	0.9	36.2	2.15	6.16	0.12	641	0.54	0.069
REP 1727186	QC	16.85	23.29	20.42	237.8	511	42.4	2.4	89	15.76	24.5	4.7	<0.2	1.0	35.3	2.06	5.95	0.12	618	0.49	0.067
1727194	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727194	QC																				
1727197	Soil	10.60	65.10	47.52	825.0	1274	102.2	15.9	345	2.59	27.6	5.0	3.4	2.1	88.9	4.46	6.58	0.28	83	1.08	0.134
REP 1727197	QC	10.25	63.34	44.91	798.9	1229	102.5	16.1	332	2.59	26.4	4.8	2.4	2.2	85.7	4.23	6.55	0.26	81	1.09	0.129
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727311	QC																				
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727324	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727332	Soil	6.07	29.82	24.26	236.4	339	34.7	6.5	174	1.98	15.0	1.7	1.1	1.2	43.5	2.37	2.99	0.47	16	0.37	0.055
REP 1727332	QC	5.82	34.46	27.41	263.6	309	37.7	7.1	175	2.09	15.6	1.7	1.5	1.3	42.0	2.63	3.15	0.37	17	0.35	0.054
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727333	QC																				
1727463	Soil	0.87	27.19	3.77	155.8	223	13.6	2.2	318	0.37	2.0	2.3	<0.2	<0.1	57.8	8.05	0.89	0.07	5	2.29	0.077
REP 1727463	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727475	Soil	1.50	17.47	7.03	40.1	1223	13.6	1.7	19	0.65	2.0	3.3	<0.2	0.2	18.3	1.37	0.49	0.07	19	0.14	0.059
REP 1727475	QC	1.50	18.09	7.59	43.7	1186	13.0	1.8	19	0.65	2.9	3.3	<0.2	0.2	17.7	1.28	0.54	0.07	19	0.13	0.057

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1727118	Soil	5.2	5.5	<0.01	106.1	0.005	<1	0.44	0.008	0.01	<0.1	0.2	0.08	<0.02	172	0.1	<0.02	1.3	0.50	<0.1	0.02
REP 1727118	QC																				
1727125	Soil	7.5	205.8	0.27	304.6	0.010	<1	1.53	0.011	0.04	<0.1	20.3	0.26	0.07	389	2.0	0.03	5.0	3.67	<0.1	0.07
REP 1727125	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727149	Soil	6.1	27.2	0.18	371.4	0.006	5	0.68	0.006	0.08	<0.1	3.6	1.16	0.13	1493	4.9	0.08	2.1	2.40	0.2	0.04
REP 1727149	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727156	Soil	2.6	12.6	0.02	72.9	0.004	<1	0.38	0.012	0.02	0.1	0.3	0.16	0.03	38	0.8	<0.02	2.7	1.12	<0.1	<0.02
REP 1727156	QC																				
1727161	Soil	7.0	36.0	0.12	266.9	0.006	1	0.61	0.003	0.05	<0.1	4.9	0.48	0.05	568	3.8	0.13	2.2	0.95	0.1	<0.02
REP 1727161	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727186	Soil	3.4	9.5	0.05	787.2	0.015	<1	0.50	0.013	0.05	0.1	1.6	0.59	0.10	331	5.4	0.06	2.2	1.25	0.2	<0.02
REP 1727186	QC	3.6	9.1	0.05	768.9	0.015	<1	0.48	0.012	0.05	0.1	1.6	0.60	0.09	314	5.3	0.08	2.2	1.25	0.3	<0.02
1727194	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727194	QC																				
1727197	Soil	10.8	29.0	0.19	2654	0.007	4	1.08	0.006	0.10	0.2	4.5	0.70	0.09	1157	3.5	0.10	2.7	1.98	<0.1	0.07
REP 1727197	QC	11.0	28.1	0.18	2769	0.007	4	1.07	0.006	0.09	0.1	4.3	0.67	0.09	1030	3.5	0.10	2.6	1.85	0.1	0.04
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727311	QC																				
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727324	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727332	Soil	2.6	6.2	0.05	1170	0.001	<1	0.40	0.001	0.03	<0.1	3.6	0.23	0.05	273	3.2	0.10	0.9	1.74	<0.1	<0.02
REP 1727332	QC	2.7	6.7	0.04	1347	0.002	<1	0.44	<0.001	0.04	<0.1	4.0	0.26	0.06	297	3.5	0.13	1.0	1.95	<0.1	0.02
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727333	QC																				
1727463	Soil	2.2	3.7	0.09	291.3	0.008	2	0.39	0.017	0.03	<0.1	0.5	0.06	0.16	101	3.1	<0.02	0.9	0.27	<0.1	0.04
REP 1727463	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727475	Soil	5.6	6.9	0.05	227.3	0.009	<1	0.47	0.011	0.04	0.1	0.7	0.13	0.06	122	1.7	<0.02	1.4	0.58	<0.1	<0.02
REP 1727475	QC	5.3	7.1	0.05	220.9	0.009	<1	0.48	0.011	0.04	<0.1	0.7	0.14	0.06	124	1.8	<0.02	1.4	0.56	<0.1	<0.02

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Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1
Pulp Duplicates																					
1727118	Soil	0.27	1.6	0.8	<0.05	0.4	1.66	10.0	<0.02	<1	0.1	0.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727118	QC																				
1727125	Soil	0.34	4.1	1.0	<0.05	2.4	16.07	12.7	0.06	<1	0.3	21.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727125	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.							
1727149	Soil	0.32	11.2	0.4	<0.05	2.8	7.73	11.8	0.04	7	0.7	4.6	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727149	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.							
1727156	Soil	0.06	3.9	3.3	<0.05	<0.1	1.21	5.2	<0.02	1	0.1	0.5	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727156	QC																				
1727161	Soil	0.12	3.8	0.9	<0.05	0.4	11.59	14.9	0.04	<1	0.5	5.3	<10	4	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727161	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.							
1727186	Soil	0.38	3.7	0.4	<0.05	0.5	3.19	6.0	<0.02	1	0.2	1.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727186	QC	0.42	3.9	0.4	<0.05	0.5	3.03	6.4	<0.02	3	0.2	1.4	<10	<2							
1727194	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	9.78	76.97	38.03	557.7	959	68.6	12.0
REP 1727194	QC														I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	0.46	11.2	0.4	<0.05	2.3	11.74	20.4	0.03	17	0.6	10.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727197	QC	0.48	11.1	0.4	<0.05	2.4	11.42	19.7	0.03	10	0.8	9.5	<10	<2							
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727311	QC														I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727324	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.							
1727332	Soil	0.09	6.0	0.3	<0.05	1.7	3.97	5.7	0.04	23	0.4	5.0	<10	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727332	QC	0.11	6.4	0.3	<0.05	1.9	3.90	5.9	0.04	5	0.3	5.5	<10	<2							
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727333	QC																				
1727463	Soil	0.25	1.9	0.2	<0.05	1.9	1.78	4.1	<0.02	2	<0.1	1.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727463	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.							
1727475	Soil	0.25	3.4	0.7	<0.05	0.6	3.78	10.1	<0.02	2	0.2	2.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727475	QC	0.29	3.3	1.3	<0.05	0.4	3.78	9.8	<0.02	2	0.2	2.1	<10	<2							

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%
	MDL	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01
Pulp Duplicates																					
1727118	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727118	QC																				
1727125	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727125	QC																				
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727149	QC																				
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727156	QC																				
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727161	QC																				
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727186	QC																				
1727194	Soil	820	1.86	17.8	3.2	1.9	1.0	89.5	6.42	7.82	0.89	40	1.56	0.148	4.7	13.5	0.21	3002	0.005	8	0.49
REP 1727194	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727197	QC																				
1727311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727311	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727324	QC																				
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727332	QC																				
1727333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727333	QC																				
1727463	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727463	QC																				
1727475	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727475	QC																				

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce
		Unit	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1
Pulp Duplicates																						
1727118	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727118	QC																					
1727125	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727125	QC																					
1727149	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727149	QC																					
1727156	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727156	QC																					
1727161	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727161	QC																					
1727186	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727186	QC																					
1727194	Soil		0.001	0.08	0.1	2.7	0.29	0.18	793	5.9	0.09	1.1	0.63	<0.1	0.14	0.22	5.0	1.1	<0.05	3.2	8.65	9.6
REP 1727194	QC		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727197	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727197	QC																					
1727311	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727311	QC		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727324	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727324	QC																					
1727332	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727332	QC																					
1727333	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727333	QC																					
1727463	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727463	QC																					
1727475	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727475	QC																					

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Client: **Teck Resources Limited**
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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		Unit	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		MDL	0.02	1	0.1	0.1	10	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
Pulp Duplicates																						
1727118	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727118	QC																					
1727125	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727125	QC																					
1727149	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727149	QC																					
1727156	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727156	QC																					
1727161	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727161	QC																					
1727186	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727186	QC																					
1727194	Soil		<0.02	15	0.4	3.0	21	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727194	QC		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.														
1727197	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727197	QC																					
1727311	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.52	36.19	26.76	3933	616	219.5	17.0	1004	2.15	11.4	7.3	1.5	0.4	141.7
REP 1727311	QC		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.														
1727324	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	15.62	38.48	28.29	3760	654	218.5	34.5	2090	9.30	154.6	5.8	1.2	2.7	40.0
REP 1727324	QC																					
1727332	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727332	QC																					
1727333	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	3.28	50.74	8.63	892.3	375	115.9	22.3	1084	1.53	4.0	2.2	2.2	0.3	107.1
REP 1727333	QC								3.40	50.92	8.92	911.7	390	117.8	22.7	1110	1.56	4.1	2.2	1.9	0.3	106.2
1727463	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727463	QC																					
1727475	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727475	QC																					

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
Pulp Duplicates																					
1727118	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727118	QC																				
1727125	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727125	QC																				
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727149	QC																				
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727156	QC																				
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727161	QC																				
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727186	QC																				
1727194	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727194	QC																				
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727197	QC																				
1727311	Soil	27.24	4.11	0.12	15	3.13	0.106	1.6	11.5	0.30	340.5	0.003	23	0.27	0.005	0.06	<0.1	1.0	0.58	0.43	853
REP 1727311	QC																				
1727324	Soil	4.70	7.64	0.28	54	0.65	0.124	8.3	19.0	0.14	438.2	0.005	<20	0.96	0.007	0.08	<0.1	2.8	1.39	0.07	517
REP 1727324	QC																				
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727332	QC																				
1727333	Soil	8.21	3.05	0.10	8	2.41	0.122	1.6	7.8	0.19	1059	0.002	21	0.29	0.009	0.04	<0.1	1.4	0.10	0.21	170
REP 1727333	QC	8.28	3.07	0.11	7	2.42	0.122	1.7	8.1	0.19	1057	0.002	<20	0.29	0.009	0.04	<0.1	1.3	0.09	0.21	179
1727463	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727463	QC																				
1727475	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727475	QC																				

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	LOI
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.1
Pulp Duplicates																					
1727118	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.1
REP 1727118	QC																				11.0
1727125	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	21.0
REP 1727125	QC																				
1727149	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	28.7
REP 1727149	QC																				
1727156	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.7
REP 1727156	QC																				10.8
1727161	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7.5
REP 1727161	QC																				
1727186	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	16.1
REP 1727186	QC																				
1727194	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	50.9
REP 1727194	QC																				50.8
1727197	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	18.9
REP 1727197	QC																				
1727311	Soil	4.1	<0.02	0.7	0.66	<0.1	0.03	0.15	5.8	0.3	<0.05	1.5	2.96	3.1	0.02	42	0.2	2.1	<10	<2	69.0
REP 1727311	QC																				
1727324	Soil	3.2	0.04	1.7	2.78	<0.1	0.02	0.27	10.0	0.3	<0.05	1.4	10.67	15.1	0.04	9	1.1	6.0	<10	<2	21.0
REP 1727324	QC																				
1727332	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11.9
REP 1727332	QC																				11.7
1727333	Soil	6.8	0.03	0.5	0.43	<0.1	0.06	0.10	3.6	0.2	<0.05	2.6	5.19	3.1	0.02	34	0.4	1.7	<10	2	75.2
REP 1727333	QC	6.9	0.02	0.5	0.43	<0.1	0.06	0.12	3.5	0.2	<0.05	2.4	5.29	3.2	<0.02	29	0.4	1.7	<10	<2	
1727463	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	57.2
REP 1727463	QC																				
1727475	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	31.9
REP 1727475	QC																				

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.01	1F30 As ppm 0.1	1F30 U ppm 0.1	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001
1727491	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727491	QC																				
1727493	Soil	9.70	50.98	37.60	1102	1519	114.5	13.8	343	2.11	28.6	1.6	3.3	2.0	18.2	13.40	11.54	0.12	567	0.04	0.062
REP 1727493	QC	9.05	48.49	35.51	973.8	1498	110.7	13.1	332	2.04	28.5	1.6	3.6	1.9	16.9	12.83	10.80	0.11	548	0.04	0.056
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	15.54	98.36	137.4	314.5	2081	44.9	8.0	613	2.42	23.3	2.6	137.5	6.1	82.2	2.08	4.96	5.65	41	0.78	0.080
STD DS9	Standard	12.99	112.2	127.2	316.4	1862	41.9	7.8	559	2.28	24.9	2.8	125.2	6.2	66.4	2.44	5.23	5.89	38	0.73	0.078
STD DS9	Standard	14.42	109.5	126.7	304.8	1930	41.7	8.4	605	2.43	27.9	3.0	170.1	7.4	77.3	2.56	5.05	7.14	41	0.79	0.091
STD DS9	Standard	13.96	112.4	125.0	315.1	1933	42.1	7.8	600	2.42	25.4	2.9	114.9	6.6	77.0	2.28	5.33	6.23	40	0.78	0.083
STD DS9	Standard	12.66	106.5	119.7	295.7	1843	39.6	7.4	559	2.21	24.0	2.6	125.4	5.8	64.9	2.29	4.96	5.57	38	0.70	0.079
STD DS9	Standard	12.59	105.0	121.0	308.4	1887	39.4	7.4	586	2.27	24.8	2.8	127.5	6.4	71.6	2.34	5.31	6.08	38	0.71	0.085
STD DS9	Standard	13.46	107.9	130.3	306.0	1942	40.7	8.0	569	2.34	24.0	2.8	125.6	6.6	70.0	2.46	5.67	6.64	38	0.70	0.083
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD OREAS45EA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	6	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.04	<0.1	7	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.01	<0.02	0.05	<2	<0.01	<0.001
BLK	Blank	<0.01	0.07	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.11	<0.01	<0.1	4	0.2	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	0.002
BLK	Blank	<0.01	0.03	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Tl ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
1727491	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727491	QC																				
1727493	Soil	4.4	48.2	0.11	>10000	0.093	<1	2.62	<0.001	0.05	0.2	5.4	1.12	0.06	1389	5.7	0.10	3.1	0.34	<0.1	0.19
REP 1727493	QC	4.2	45.2	0.11	>10000	0.089	1	2.50	<0.001	0.05	0.2	5.4	1.02	0.06	1370	6.0	0.12	2.8	0.31	<0.1	0.20
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	13.2	141.9	0.66	272.8	0.104	3	1.06	0.097	0.43	3.5	3.0	5.70	0.17	218	6.1	5.69	5.1	2.70	<0.1	0.11
STD DS9	Standard	12.8	117.8	0.61	300.4	0.108	2	1.00	0.097	0.41	2.9	2.4	5.43	0.16	207	5.0	5.00	4.5	2.28	0.1	0.09
STD DS9	Standard	15.5	122.8	0.67	320.1	0.124	3	1.03	0.085	0.42	3.1	2.8	5.77	0.17	208	5.6	5.73	5.0	2.57	<0.1	0.09
STD DS9	Standard	14.6	119.4	0.64	305.5	0.127	3	0.95	0.091	0.44	3.2	3.1	5.39	0.16	240	5.5	5.24	4.8	2.43	<0.1	0.10
STD DS9	Standard	13.3	109.8	0.60	293.5	0.111	3	0.91	0.083	0.39	3.0	2.4	5.43	0.16	217	5.9	4.97	4.4	2.38	<0.1	0.07
STD DS9	Standard	13.4	113.4	0.59	307.4	0.111	3	0.92	0.086	0.38	3.0	2.7	5.52	0.16	216	5.3	5.06	4.7	2.37	0.1	0.08
STD DS9	Standard	14.1	116.5	0.62	301.6	0.111	2	0.94	0.081	0.40	3.2	2.5	5.70	0.16	218	5.2	5.29	4.5	2.42	<0.1	0.09
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD OREAS45EA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08
STD OREAS45EA Expected																					
BLK	Blank	<0.5	<0.5	<0.01	2.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	0.9	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1
1727491	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.74	27.70	16.01	202.6	4099	43.3	9.7
REP 1727491	QC														I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727493	Soil	0.56	2.7	0.6	<0.05	7.2	11.01	9.7	<0.02	3	0.8	1.0	83	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727493	QC	0.52	2.5	0.3	<0.05	6.6	10.40	8.8	<0.02	5	0.8	0.9	87	<2							
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	1.59	31.6	5.8	<0.05	2.4	6.69	26.3	2.13	66	6.5	29.8	145	402							
STD DS9	Standard	1.27	31.3	5.4	<0.05	1.9	5.71	23.9	1.95	73	5.3	25.8	132	375							
STD DS9	Standard	1.36	34.7	5.6	<0.05	2.4	6.75	30.4	1.94	72	6.1	26.6	126	363							
STD DS9	Standard	1.49	34.7	5.6	<0.05	1.7	6.66	28.4	1.96	54	5.5	26.5	162	346							
STD DS9	Standard	1.34	33.4	5.3	<0.05	1.7	5.75	24.0	1.82	63	4.9	23.2	127	352							
STD DS9	Standard	1.33	32.5	5.5	<0.05	1.7	5.96	27.0	1.78	61	5.4	26.3	144	361							
STD DS9	Standard	1.31	34.3	5.8	<0.05	1.9	5.99	26.7	2.01	64	5.4	24.9	123	378							
STD DS9	Standard														11.43	109.9	123.6	307.6	1831	41.6	7.6
STD DS9	Standard														10.94	102.5	123.9	312.8	1887	38.3	7.3
STD DS9	Standard																				
STD OREAS45EA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS9 Expected		1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350	12.84	108	126	317	1830	40.3	7.6
STD OREAS45EA Expected																					
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2							
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2							
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2							
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2							
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2							

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01
1727491	Soil	83	0.95	13.5	1.2	1.6	0.4	32.1	5.13	2.10	0.10	20	0.21	0.122	4.3	7.4	0.06	1249	0.007	3	0.39
REP 1727491	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727493	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard	571	2.29	25.2	2.6	113.1	6.0	63.6	2.36	5.49	6.67	38	0.67	0.082	11.0	110.8	0.60	262.5	0.098	2	0.88
STD DS9	Standard	580	2.30	25.6	2.6	102.2	5.9	66.3	2.41	5.17	6.72	38	0.68	0.086	11.2	114.1	0.62	272.0	0.095	3	0.93
STD DS9	Standard																				
STD OREAS45EA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS9 Expected		575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3	121	0.6165	295	0.1108		0.9577
STD OREAS45EA Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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QUALITY CONTROL REPORT WHI12000865.1

		1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Tl ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02	1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1
1727491	Soil	0.002	0.09	0.1	0.9	0.13	0.09	269	1.2	0.04	1.0	0.49	<0.1	<0.02	0.23	3.7	1.6	<0.05	0.6	3.80	8.3
REP 1727491	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727493	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard	0.075	0.39	2.7	2.1	5.28	0.17	217	4.8	4.73	4.4	2.34	0.2	0.06	1.41	32.2	5.2	<0.05	1.6	4.78	20.8
STD DS9	Standard	0.080	0.40	2.9	2.5	5.39	0.10	199	5.1	4.95	4.7	2.39	0.2	0.07	1.21	34.4	5.6	<0.05	1.8	5.00	20.6
STD DS9	Standard																				
STD OREAS45EA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS9 Expected		0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1	0.08	1.33	33.8	6.4	0.004	2	5.97	25.4
STD OREAS45EA Expected																					
BLK	Blank																				
BLK	Blank																				
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QUALITY CONTROL REPORT WHI12000865.1

		1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5
1727491	Soil	<0.02	<1	0.2	2.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727491	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.														
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727493	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard																				
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STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard	2.15	62	6.3	26.6	119	340														
STD DS9	Standard	2.19	63	5.7	25.0	144	367														
STD DS9	Standard							11.95	102.3	125.1	303.4	1733	37.7	7.4	564	2.29	27.3	2.5	107.7	5.9	64.7
STD OREAS45EA	Standard							1.48	714.4	13.34	28.0	239	387.1	49.7	386	21.86	8.9	1.7	46.6	10.3	2.9
STD DOLOMITE-2 Expected																					
STD DS9 Expected		2.2	61	5.4	25.2	120	350	12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6
STD OREAS45EA Expected								1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05
BLK	Blank																				
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		1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5
1727491	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727491	QC																				
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1727493	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard	2.39	4.61	5.89	38	0.68	0.078	11.9	111.4	0.60	327.0	0.097	<20	0.90	0.076	0.37	3.0	2.5	5.53	0.16	222
STD OREAS45EA	Standard	0.01	0.20	0.19	306	0.03	0.028	6.5	811.3	0.10	140.3	0.085	<20	3.08	0.019	0.05	<0.1	73.4	0.06	0.04	5
STD DOLOMITE-2 Expected																					
STD DS9 Expected		2.4	4.94	6.32	40	0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200
STD OREAS45EA Expected		0.03	0.64	0.26	295	0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340
BLK	Blank																				
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		1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	LOI LOI % 0.1
1727491	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	70.1
REP 1727491	QC																				
1727493	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6.5
REP 1727493	QC																				6.3
Reference Materials																					
STD DOLOMITE-2	Standard																				45.2
STD DOLOMITE-2	Standard																				45.7
STD DOLOMITE-2	Standard																				45.8
STD DOLOMITE-2	Standard																				45.6
STD DOLOMITE-2	Standard																				45.9
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard																				
STD DS9	Standard	5.2	4.90	4.7	2.39	<0.1	0.06	1.03	33.0	5.2	<0.05	1.4	5.33	22.8	2.23	73	5.6	24.7	139	364	
STD OREAS45EA	Standard	0.7	0.06	11.4	0.64	0.3	0.58	0.06	7.1	0.6	<0.05	19.6	4.79	17.8	0.09	<1	0.5	2.4	54	114	
STD DOLOMITE-2 Expected																					45.9
STD DS9 Expected		5.2	5.02	4.59	2.37	0.1	0.08	0.96	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350	
STD OREAS45EA Expected		2.09	0.11	11.7	0.77	0.26	0.82	0.43	7.93	0.97		26.6	5.74	17.7	0.1		0.47	0	66	108	
BLK	Blank																				
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BLK	Blank																				
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		1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.01	1F30 As ppm 0.1	1F30 U ppm 0.1	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: November 01, 2012

QUALITY CONTROL REPORT WHI12000865.1

		1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.01	1F30 Na % 0.001	1F30 K % 0.01	1F30 W ppm 0.1	1F30 Sc ppm 0.1	1F30 Tl ppm 0.02	1F30 S % 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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QUALITY CONTROL REPORT WHI12000865.1

		1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sn ppm 0.1	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1
BLK	Blank														<0.01	<0.01	<0.01	<0.1	5	<0.1	<0.1
BLK	Blank														<0.01	0.03	<0.01	<0.1	2	<0.1	<0.1
BLK	Blank																				

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QUALITY CONTROL REPORT WHI12000865.1

		1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01
BLK	Blank	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01
BLK	Blank	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01
BLK	Blank																				

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		1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Tl ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02	1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1
BLK	Blank	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1
BLK	Blank	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1
BLK	Blank																				

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		1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5
BLK	Blank	<0.02	<1	<0.1	<0.1	<10	<2														
BLK	Blank	<0.02	<1	<0.1	<0.1	<10	<2														
BLK	Blank							0.01	0.04	<0.01	<0.1	<2	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5

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QUALITY CONTROL REPORT WHI12000865.1

		1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	1.0	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5

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		1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	LOI LOI % 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	

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APPENDIX IV

STREAM SEDIMENT GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Amber Henry
Receiving Lab: Canada-Whitehorse
Received: September 12, 2012
Report Date: October 23, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI12000866.1

CLIENT JOB INFORMATION

Project: 204500
Shipment ID: NID_2012_004
P.O. Number
Number of Samples: 47

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S150	44	Sieve to 150 mesh			WHI
RJSV	44	Saving all or part of Soil Reject			WHI
2A05	47	Loss on Ignition at 1000 C		Completed	VAN
1F06	22	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 23, 2012

CERTIFICATE OF ANALYSIS WHI12000866.1

Method		LOI	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		LOI	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.1	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1727001	Silt	7.4	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727002	Silt	7.3	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727003	Silt	6.2	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727004	Silt	7.4	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727005	Silt	11.0	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727006	Silt	9.5	28.20	44.84	32.58	1961	464	219.2	25.6	1009	2.87	24.6	3.3	1.8	2.1	219.0	6.59	9.95	0.12	97	3.11
1727007	Silt	7.0	20.33	50.12	31.12	933.9	502	120.4	10.1	232	2.50	23.3	3.0	1.5	2.9	189.7	4.41	8.99	0.14	83	2.16
1727008	Silt	5.3	7.78	30.08	22.21	325.2	345	73.5	11.3	251	2.31	17.4	1.3	1.7	1.7	21.2	2.61	3.83	0.18	38	0.14
1727009	Silt	11.0	38.11	68.14	18.10	578.3	510	162.4	17.4	491	3.59	19.8	4.8	1.6	1.8	191.1	5.71	6.91	0.13	92	4.13
1727010	Rock Pulp	14.1	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727011	Silt	5.6	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727012	Silt	5.8	3.53	77.92	16.74	335.2	911	201.1	20.5	554	3.23	12.5	1.4	4.1	1.5	25.3	2.09	2.13	0.28	36	0.20
1727013	Silt	3.6	17.48	34.21	38.74	73.3	460	16.2	1.6	31	1.13	15.4	2.0	2.2	2.1	22.0	0.20	5.53	0.15	36	0.02
1727014	Silt	9.0	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727015	Silt	11.6	40.10	63.48	49.45	375.3	696	138.9	17.5	464	3.30	66.1	2.7	7.3	3.6	185.8	3.02	23.60	0.15	88	4.29
1727016	Silt	11.7	25.10	53.62	29.84	820.9	437	180.9	16.7	446	3.12	35.1	3.4	2.1	3.3	131.3	5.95	10.65	0.12	76	4.26
1727017	Silt	7.0	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727018	Silt	8.5	33.83	44.44	17.72	249.2	369	98.5	10.7	286	2.58	24.2	2.2	1.5	2.8	102.2	1.89	6.60	0.23	64	3.07
1727019	Silt	17.9	19.60	35.72	16.39	281.9	393	109.1	12.3	253	2.43	19.1	2.0	1.1	2.2	170.6	2.15	5.35	0.16	49	11.06
1727020	Silt	8.1	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727021	Silt	6.7	15.90	62.87	19.66	440.2	439	67.3	1.9	128	1.40	19.5	2.2	<0.2	3.1	37.7	2.11	3.52	0.14	30	0.16
1727022	Silt	6.8	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727023	Silt	6.6	13.58	124.5	16.18	1489	446	155.4	8.1	344	1.58	41.7	4.1	2.1	2.7	48.3	4.67	3.45	0.29	29	0.62
1727024	Silt	11.5	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727025	Silt	13.1	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727026	Silt	8.7	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727027	Silt	9.8	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727028	Silt	17.1	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727029	Silt	3.2	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727030	Rock Pulp	14.4	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1727001	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727002	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727003	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727004	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727005	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727006	Silt	0.334	4.8	18.1	0.95	382.9	0.005	3	0.47	0.004	0.04	0.2	4.3	0.50	0.03	185	3.0	0.07	1.2	1.55	<0.1
1727007	Silt	0.396	8.5	16.2	0.58	604.2	0.005	3	0.37	0.004	0.05	<0.1	3.7	0.33	0.04	191	2.6	0.10	1.2	1.32	<0.1
1727008	Silt	0.052	3.3	9.5	0.05	3629	0.002	2	0.71	0.002	0.05	<0.1	3.6	0.70	0.10	325	2.4	0.08	1.2	1.90	<0.1
1727009	Silt	0.273	3.1	25.9	1.65	194.7	0.004	2	0.37	0.005	0.03	<0.1	4.8	0.41	0.03	248	2.9	0.06	1.0	1.12	<0.1
1727010	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727011	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727012	Silt	0.089	6.6	11.9	0.14	94.2	0.006	2	0.56	0.004	0.06	<0.1	3.5	0.15	0.04	160	1.9	0.11	1.7	2.72	<0.1
1727013	Silt	0.027	10.8	7.8	0.02	284.9	0.005	<1	0.20	0.003	0.04	<0.1	1.4	0.41	0.08	159	3.4	0.12	2.3	0.71	<0.1
1727014	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727015	Silt	0.275	8.9	24.1	1.53	283.7	0.002	2	0.30	0.003	0.05	<0.1	5.8	0.36	0.04	224	2.9	0.06	1.0	0.74	<0.1
1727016	Silt	0.291	16.2	20.4	1.85	575.8	0.005	3	0.31	0.006	0.06	<0.1	5.2	0.45	0.02	140	2.4	0.06	1.1	1.25	<0.1
1727017	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727018	Silt	0.256	13.4	14.7	1.23	365.9	0.004	2	0.31	0.003	0.05	<0.1	3.6	0.24	<0.02	135	2.5	0.05	1.0	0.55	<0.1
1727019	Silt	0.194	8.6	17.1	1.01	478.9	0.004	2	0.24	0.004	0.04	<0.1	3.8	0.19	<0.02	123	2.0	0.04	0.8	0.84	<0.1
1727020	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727021	Silt	0.036	7.1	5.6	0.06	1615	0.002	3	0.19	0.002	0.12	0.1	1.2	0.74	0.33	354	4.2	0.10	0.9	1.34	<0.1
1727022	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727023	Silt	0.044	7.3	7.4	0.20	1414	0.002	2	0.33	0.002	0.11	0.1	1.5	0.62	0.27	272	3.9	0.11	0.9	1.54	<0.1
1727024	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727025	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727026	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727027	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727028	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727029	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727030	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 23, 2012

CERTIFICATE OF ANALYSIS WHI12000866.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1727001	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727002	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727003	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727004	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727005	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727006	Silt	0.06	0.11	4.6	0.3	<0.05	3.0	20.18	10.5	0.02	7	0.7	3.2	<10	<2
1727007	Silt	0.09	0.13	4.5	0.3	<0.05	4.8	19.05	16.0	0.03	7	0.6	3.1	<10	<2
1727008	Silt	0.05	0.05	5.2	0.2	<0.05	2.8	4.56	6.3	0.02	12	0.9	8.5	<10	<2
1727009	Silt	0.03	0.08	3.0	0.3	<0.05	1.7	17.74	7.3	0.03	3	0.6	3.6	<10	<2
1727010	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727011	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727012	Silt	0.03	0.09	5.5	0.4	<0.05	1.4	7.75	14.2	0.03	<1	1.1	11.7	<10	<2
1727013	Silt	<0.02	0.06	3.0	0.2	<0.05	0.3	2.05	20.3	<0.02	4	0.2	1.2	<10	<2
1727014	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727015	Silt	0.05	0.07	2.9	0.5	<0.05	4.4	19.60	16.7	0.05	2	0.5	4.6	<10	<2
1727016	Silt	<0.02	0.11	4.5	0.4	<0.05	2.2	21.03	31.3	0.02	4	0.6	3.8	<10	<2
1727017	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727018	Silt	0.02	0.08	2.9	0.2	<0.05	1.3	17.77	24.4	<0.02	<1	0.5	4.2	<10	<2
1727019	Silt	0.04	0.12	2.8	0.2	<0.05	2.1	12.46	15.7	0.02	2	0.4	3.5	<10	<2
1727020	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727021	Silt	0.11	<0.02	6.0	0.3	<0.05	6.8	2.52	13.7	<0.02	33	0.2	0.8	<10	<2
1727022	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727023	Silt	0.08	0.02	5.7	0.3	<0.05	5.0	4.82	13.7	<0.02	25	0.3	1.6	<10	<2
1727024	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727025	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727026	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727027	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727028	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727029	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727030	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 23, 2012

CERTIFICATE OF ANALYSIS WHI12000866.1

Method		LOI	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		LOI	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.1	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1727031	Silt	4.7	14.65	44.89	26.67	69.5	736	10.1	1.2	22	3.00	16.8	4.4	2.9	2.7	16.1	0.21	5.64	0.18	46	0.02
1727032	Silt	5.9	22.90	46.21	18.78	67.2	526	18.0	3.3	44	3.28	31.5	4.7	1.2	1.8	21.3	0.56	4.35	0.12	232	0.02
1727033	Silt	5.4	18.93	57.77	19.30	766.0	531	100.4	13.7	201	2.66	27.6	17.0	1.1	1.9	33.5	3.86	4.14	0.11	231	0.19
1727034	Silt	13.8	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727035	Silt	10.2	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727036	Silt	10.5	23.34	85.33	21.16	323.9	941	139.9	21.1	430	2.58	103.5	3.4	0.6	3.8	180.4	2.91	9.20	0.91	46	3.73
1727037	Silt	5.7	12.83	30.58	18.94	33.6	652	10.3	1.3	24	3.70	13.6	2.7	2.2	2.3	13.5	0.13	4.67	0.09	56	0.02
1727038	Silt	5.9	9.65	24.09	17.80	464.4	383	94.9	7.4	204	2.10	14.7	2.2	1.5	2.4	46.7	2.25	5.64	0.09	57	0.76
1727039	Silt	6.4	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727040	Silt	5.3	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727047	Silt	8.6	16.21	57.52	18.05	258.7	669	114.3	15.7	382	3.12	24.8	1.9	2.6	2.7	163.8	1.63	11.19	0.11	68	2.89
1727048	Silt	9.1	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727049	Silt	12.3	28.15	39.59	72.92	487.9	525	106.1	8.0	307	1.95	26.4	2.7	0.8	3.4	91.2	4.16	11.69	0.07	86	5.10
1727050	Rock Pulp	19.7	12.68	5049	4253	>10000	61440	23.8	25.8	598	19.88	1787	1.3	256.4	0.4	26.0	109.5	83.16	21.12	26	1.96
1727051	Silt	12.4	5.99	66.40	16.93	233.2	601	94.5	12.1	331	2.10	21.3	1.9	15.7	3.8	202.4	2.29	9.08	0.10	35	4.78
1727052	Silt	10.6	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727053	Silt	9.8	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: 204500
Report Date: October 23, 2012

CERTIFICATE OF ANALYSIS WHI12000866.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1727031	Silt	0.044	8.9	14.1	0.02	706.5	0.003	<1	0.45	0.002	0.04	<0.1	1.7	0.47	0.33	177	4.0	0.09	1.4	1.35	<0.1
1727032	Silt	0.072	7.2	24.3	0.01	2474	0.021	2	0.80	0.002	0.10	0.3	1.8	1.17	0.30	175	5.6	0.11	1.7	0.68	<0.1
1727033	Silt	0.064	7.0	22.6	0.04	3513	0.020	1	0.80	0.002	0.10	0.3	2.2	1.44	0.19	146	5.3	0.10	1.8	0.82	<0.1
1727034	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727035	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727036	Silt	0.281	12.4	24.4	1.36	1308	0.006	3	0.53	0.004	0.07	<0.1	2.7	0.52	0.14	304	3.7	0.08	1.3	3.30	<0.1
1727037	Silt	0.040	7.6	14.7	0.01	405.3	0.002	<1	0.43	<0.001	0.04	<0.1	1.4	0.35	0.30	98	3.1	0.11	1.4	1.14	<0.1
1727038	Silt	0.107	13.6	20.1	0.13	1883	0.017	3	0.64	0.005	0.05	0.4	1.7	0.29	0.06	138	1.6	0.05	1.9	1.02	<0.1
1727039	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727040	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727047	Silt	0.280	5.2	27.2	1.09	255.1	0.002	3	0.31	0.001	0.07	<0.1	5.9	0.17	0.03	131	3.1	0.12	0.9	0.68	<0.1
1727048	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727049	Silt	0.229	9.5	13.8	2.00	169.0	0.001	3	0.22	0.002	0.06	<0.1	4.3	0.32	0.05	161	2.5	0.07	0.6	0.69	<0.1
1727050	Rock Pulp	0.023	1.7	40.2	1.31	4.6	0.002	3	0.90	0.005	0.05	0.5	1.7	14.26	>10	7783	95.0	0.43	4.9	0.34	<0.1
1727051	Silt	0.290	3.7	16.8	1.93	299.7	0.002	1	0.22	0.002	0.06	<0.1	4.6	0.17	0.07	106	2.4	0.10	0.6	0.68	<0.1
1727052	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727053	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: 204500
Report Date: October 23, 2012

CERTIFICATE OF ANALYSIS WHI12000866.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1727031	Silt	<0.02	0.08	3.5	0.3	<0.05	2.4	3.55	18.6	<0.02	18	0.2	0.9	<10	<2
1727032	Silt	0.13	0.19	5.6	0.3	<0.05	5.4	4.73	12.4	<0.02	19	0.4	1.0	<10	2
1727033	Silt	0.09	0.19	5.9	0.3	<0.05	4.9	6.03	11.6	<0.02	31	0.5	1.5	<10	2
1727034	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727035	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727036	Silt	0.08	0.12	4.5	0.3	<0.05	4.5	13.21	24.1	0.03	7	0.5	6.1	18	<2
1727037	Silt	0.03	0.05	2.7	0.2	<0.05	2.7	3.34	15.4	<0.02	13	0.1	1.0	<10	<2
1727038	Silt	0.09	0.23	6.2	0.4	<0.05	1.6	5.81	25.7	<0.02	2	0.3	7.2	27	<2
1727039	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727040	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727047	Silt	0.03	0.07	3.4	0.3	<0.05	4.9	18.51	10.8	0.03	<1	0.6	1.6	<10	2
1727048	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727049	Silt	0.14	0.05	3.0	0.7	<0.05	10.3	17.93	17.8	<0.02	<1	0.7	1.4	28	3
1727050	Rock Pulp	0.08	0.07	1.7	28.9	<0.05	2.2	2.82	3.5	5.23	20	<0.1	9.0	*	<2
1727051	Silt	0.15	0.03	3.4	<0.1	<0.05	8.8	15.37	8.7	<0.02	11	0.4	1.2	<10	<2
1727052	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727053	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 23, 2012

QUALITY CONTROL REPORT WHI12000866.1

	Method	LOI	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	LOI	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.1	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
1727005	Silt	11.0	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727005	QC		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727010	Rock Pulp	14.1	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727010	QC	14.2																			
Reference Materials																					
STD DOLOMITE-2	Standard	45.9																			
STD DOLOMITE-2	Standard	45.4																			
STD DS9	Standard		14.55	95.47	128.9	305.7	1961	42.3	6.9	600	2.36	21.7	2.4	121.3	5.7	79.1	1.99	4.71	5.31	39	0.75
STD DS9	Standard		13.02	120.8	122.0	305.1	1936	40.2	7.3	591	2.26	24.3	2.6	113.7	6.3	71.6	2.15	4.90	6.20	39	0.73
STD DS9	Standard		12.39	114.1	137.0	325.0	2009	42.8	8.1	605	2.49	27.2	3.1	122.7	7.0	67.3	2.54	5.19	7.34	40	0.72
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD DOLOMITE-2 Expected		45.9																			
BLK	Blank		<0.01	0.76	0.18	0.9	16	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	0.34	0.06	0.2	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		0.03	<0.01	<0.01	0.9	7	0.2	<0.1	3	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	0.02	<2	<0.01

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 23, 2012

QUALITY CONTROL REPORT WHI12000866.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
1727005	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727005	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727010	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727010	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS9	Standard	0.068	11.9	120.9	0.63	264.6	0.096	3	1.01	0.090	0.41	3.3	2.7	5.90	0.16	220	5.7	5.45	5.0	2.49	<0.1
STD DS9	Standard	0.079	13.3	112.8	0.61	311.6	0.111	3	0.95	0.083	0.39	2.9	2.6	5.40	0.13	218	5.3	4.92	4.8	2.16	0.2
STD DS9	Standard	0.092	12.6	120.5	0.63	287.4	0.108	3	0.96	0.087	0.41	3.0	2.4	5.85	0.17	234	5.6	5.31	4.8	2.60	0.1
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1
STD DOLOMITE-2 Expected																					
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	18	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	1.8	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	0.6	<0.01	0.8	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1

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Project: 204500
Report Date: October 23, 2012

QUALITY CONTROL REPORT WHI12000866.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates															
1727005	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727005	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1727010	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1727010	QC														
Reference Materials															
STD DOLOMITE-2	Standard														
STD DOLOMITE-2	Standard														
STD DS9	Standard	0.12	1.60	30.4	5.5	<0.05	2.3	6.30	23.9	2.01	56	5.6	28.1	140	373
STD DS9	Standard	0.09	1.45	32.5	5.4	<0.05	2.1	6.00	25.5	1.93	58	5.2	22.8	144	353
STD DS9	Standard	0.08	1.11	36.6	5.6	<0.05	2.0	5.45	22.1	2.05	63	5.6	26.6	113	379
STD DS9 Expected		0.08	1.33	33.8	6.4	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350
STD DOLOMITE-2 Expected															
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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APPENDIX V

ROCK SAMPLE DESCRIPTIONS

SAMPLE_ID	SAMPLE_TYPE	COMMENT
1727201	Outcrop Grab	Chert pebble conglomerate, clasts subrounded to angular (mostly chert, up to 5% mudstone/shale), clast supported, clasts from <1mm to rare 20cm diam (on ave from 5mm-5cm), local calcareous cement. Conglom varies locally to a fine conglom/very coarse sst with same overall composition, and rare interbedded shaly intervals (m-scale thick beds).
1727202	Outcrop Grab	Chert pebble conglomerate, clasts subrounded to angular (mostly chert, up to 5% mudstone/shale), clast supported, clasts from <1mm to rare 20cm diam (on ave from 5mm-5cm), local calcareous cement. Conglom varies locally to a fine conglom/very coarse sst with same overall composition, and rare interbedded shaly intervals (m-scale thick beds).
1727203	Outcrop Grab	Foliated black mudstone/shale, very soft, not siliceous or calcareous, weathers silvery/light grey with a bluish hue, and rusty along fractures, very thin lams rare.
1727204	Outcrop Grab	Orange weathering volcaniclastic sst unit (grey on fresh surface), angular clasts range from <1mm to 2mm on ave, a mix of qtz-rich sedimentary and chloritized mafic clasts, pervasive siderite between clasts, locally bedded with very fine grained light grey sediment (up to 1% dissem py).
1727205	Outcrop Grab	Orange weathering volcaniclastic sst unit (grey on fresh surface), angular clasts range from <1mm to 2mm on ave, a mix of qtz-rich sedimentary and chloritized mafic clasts, some mafic clasts up to 10cm across, pervasive siderite between clasts.
1727206	Outcrop Grab	Soft, black, calcareous shale, weathers variably grey/dk grey/tan, interbedded on mm to cm-scale with non-calcareous beds, some interbeds resemble dirty limestones.
1727207	Outcrop Grab	Soft, black, calcareous shale, weathers variably grey/dk grey/tan, interbedded on mm to cm-scale with non-calcareous beds, some interbeds resemble dirty limestones.
1727208	Float Grab	Float sample of massive qtz-carb vein, up to 1m width(?) based on pieces of float. Within volcaniclastic unit.
1727209	Outcrop Grab	Highly foliated volcaniclastic conglomerate (looks almost like a stretch pebble conglom) with clasts of shale up to 30cm diam (5-10%), volcanic fragments up to 3cm, and 2% qtz clasts <5mm diam. Trace Cu oxide found adjacent to qtz-siderite vein, no assoc sulfides visible.
1727212	Subcrop Grab	Black, soft shale/mudstone, grey to tan weathered surface, finely laminated. Rubblecrop.
1727213	Subcrop Grab	Orange weathered volcaniclastic subcrop, highly altered, siderite cemented, light grey clasts from <1mm to 1cm on ave, subangular to angular, mainly clast supported.
1727214	Outcrop Grab	Orange weathered volcaniclastics, white siderite cement on fresh surface, light grey clasts from <1mm to 1cm on ave, shale clasts up to 10cm long, subangular to angular, mainly clast supported.
1727215	Outcrop Grab	Non-calcareous dark grey shale, grey to local brown weathering, thinly laminated, very fissile outcrop - no phys prop sample possible.
1727216	Subcrop Grab	Non-calcareous dark grey shale in subcrop, grey to local brown weathering, thinly laminated, pencil cleavage - no phys prop sample possible.
1727217	Outcrop Grab	Chert pebble conglomerate and interbedded qtz-rich coarse sst unit, interbedded on dm to m-scales (similar to NID_2012_ADH_0001).

SAMPLE_ID	SAMPLE_TYPE	COMMENT
1727218	Outcrop Grab	Chert pebble conglomerate and interbedded qtz-rich coarse sst unit, interbedded on dm to m-scales (similar to NID_2012_ADH_0001). 20m wide qtz veined interval oriented approx E-W, indiv veins anastomosing, range from mm-scale widths to 30cm. Abundant hematite along fractures, siderite weathering orange.
1727219	Outcrop Grab	Soft, black, non-calcareous shale, weathers light grey/silvery, very fissile.
1727220	Outcrop Grab	Dark grey shale with brown/rusty weathered siltstone and very fine sst layers. Is a fault bound sliver of Mac Pass shale between two Fuller outcrops.
1727221	Float Grab	Buff weathered calcareous shale unit, subcrop, very fine laminations.
1727222	Float Grab	Buff weathered calcareous shale unit, subcrop, very fine laminations.
1727223	Subcrop Composite	Black shale with brown silty layers
1727224	Outcrop Composite	Grey siliceous chert pebble conglomerate with 20% white qtz veins.
1727225	Outcrop Composite	Brown to grey weathering dark grey shale.
1727226	Outcrop Grab	Light grey weathering siliceous black shale - Fuller Fm.
1727227	Outcrop Grab	Black, fossiliferous (crinoid hash; local graptolites) limestone and black calcareous mudstone - Sapper Fm.
1727228	Outcrop Grab	Mafic volcaniclastic with volcanic fragments up to 1.5cms. Strong Fe-carbonate alteration. Trace-3% disseminated fine-grained pyrite.
1727229	Float Grab	Mafic volcaniclastic with rusty patches containing py (tr-5%)-aspy (tr-15%) disseminations and calc-qtz-aspy veining. Aspy-py alteration/dissem along vein margins. Possible black sphalerite. Strong Fe-carbonate alteration.
1727230	Float Grab	Rusty weathering mafic volcaniclastic with tr-5% fine-medium grained py-aspy disseminations. Local jarosite, hematite. Strong Fe-carbonate alteration.
1727233	Float Grab	Near top of DMcg unit. Rusty weathering, grit with tr-5% fe-oxides after pyrite. Hematite present after sulphides. Occasional qtz veining.
1727234	Outcrop Grab	Light silvery grey, black shale and silty shale at contact with DMcg, DMss, DMsh thin bedded sandstone and silty shale; grades up into Fuller Fm silvery grey weatehring platey black shale.
1727235	Outcrop Grab	Silvery grey weathering, siliceous, blocky (locally fissile) black shale with 1-5% weathered pits after fine dissmeinated pyrite(?). Pits rimmed by white sulphate?? Fuller Fm.
1727236	Outcrop Grab	Silvery grey weathering, siliceous, blocky (locally fissile) black shale with yellowish to reddish stain on foliation surfaces - Fuller Fm. Distinct white wispy/blebby dissmeinations (non calcareous - barite??).
1727237	Subcrop Composite	Platey silvery grey to brownish grey weathering silty shale.
1727238	Outcrop Grab	Platey to slabby, light grey weathering, thin to medium interbedded laminated silty mudstone and shale; minor siltstone. Locally siliceous.
1727239	Float Grab	Yellowish to brown grey weathering, laminated barite and minor black chert/siliceous shale with trace fe-oxides after sulphides; possible hydrozincite stain??
1727240	Outcrop Grab	Yellowish to reddish stained silver grey weathering, variabley siliceous, black silty shale. Occasional white wispy blebs (barite??)
1727241	Outcrop Grab	Medium grey DMcg with predominant chert clasts. Minor qtz veining.
1727242	Outcrop Grab	Medium grey DMcg with predominant chert clasts. Minor qtz veining.
1727243	Outcrop Grab	Massive siliceous DMcg (DMd) with abundant black chert and local black shale clasts up to 15 cms in a sand/grit matix.

SAMPLE_ID	SAMPLE_TYPE	COMMENT
1727244	Outcrop Grab	Orange brown weathering mafic volcaniclastic tuff with abundant mafic/chloritic fragments<1cm. Strong Fe-carbonate alteration. Tr-3% fine disseminated py.
1727245	Outcrop Grab	Buff to light grey and dark grey weathering dolomitic siltstone and calcareous shale - Sapper Fm.
1727246	Outcrop Grab	Coarse-grained calc-Fe-carbonate vein with tr-5% Feoxides after py. Veins/stockwork up to 50 cms with Fecarbonate alteration halos. Minor qtz veining.
1727247	Outcrop Grab	Olive to orange brown weathering, flaggy to slabby, medium to greenish grey, weakly dolomitic shale. No py. Sapper Fm.
1727248	Outcrop Grab	Fossiliferous turbiditic black limestone with abundant <0.5 mm crionoid ossicles and stem pieces. Minor interbedded buff, dolomitic silty shale. Sapper Fm.
1727249	Outcrop Grab	dark bluey grey weathering, dark grey shale non calcareous, non siliceous. Niddery Lake Mmbr.
1727252	Subcrop Composite	Strongly siliceous chert pebble conglomerate, locally with limonitic matrix, <5% qtz veins.
1727253	Subcrop Composite	Siliceous chert pebble conglomerate with 1% qtz veins. Dark grey to balck matrix to cgl.
1727254	Float Composite	Blocks of black silicified limestone (?) on scree slope with Sapper Fm calcareous shale. Silicified rock has 10% qtz-(lim) veins. Rock is carbonaceous and silica rich. Flagged sample: 1277595.
1727255	Outcrop Composite	Bright orange weathering volcaniclastics. Green to white matrix. Trace disseminated pyrite. Black hairline veinlets.
1727256	Float Composite	Recessive saddle crossing ridge with Sapper Fm to the North and South. Float is calcareous, limonitic friable rock, locally vuggy.
1727257	Outcrop Composite	Brown weathering dark grey MacMillan shale.
1727258	Outcrop Composite	Buff weathering dark grey calcareous shale.
1727259	Float Composite	Orange weathering MacMillan volcanics with 10% qtz-carbonate veins.
1727260	Outcrop Composite	Brown weathering interbedded MacMillan shale and sandstone.
1727261	Float Composite	Orange weathering calcareous shale with undulating parting surfaces; Steele Fm.
1727262	Float Composite	Orange weathering calcareous shale with undulating parting surfaces; Steele Fm.
1727263	Outcrop Composite	Orange to brown weathering wispy laminated brown calcareous mudstone with dark grey discontinuous laminations; Steel Fm.
1727264	Float Composite	Light grey to white weathering, black fissile shale. Non-calcareous. Duo Lakes Fm?
1727265	Outcrop Composite	Light grey weathering, jet black fissile shale, non-calcareous.
1727266	Float Composite	Rusty limonitic DMcg
1727267	Outcrop Grab	Massive siliceous DMcg (DMd) with abundant qtz veining. Trace limonitic staining after pyrite.
1727268	Float Composite	Black variably siliceous, recessive black shale with limonitic staining - Fuller Fm.
1727269	Outcrop Grab	Limonitic laminated barite
1727270	Float Composite	Rusty weathering laminated to thin bedded barite
1727271	Float Composite	Fissile black shale. Minor baritic laminations?

SAMPLE_ID	SAMPLE_TYPE	COMMENT
1727351	Outcrop Composite	Rusty weathering, weakly hornfelsed black shale. Non-calcareous. Local sandy beds. Cut by 1m wide qtz vein.
1727352	Outcrop Composite	2m thick light grey limestone bed with dark grey chert lenses within black shale sequence. Carbonate bed very heavy at base; Ba-Carbonate or barite?
1727353	Outcrop Composite	Black shale, locally highly carbonaceous/graqphitic. Locally pitted with trace clots of very fine pyrite. Non-calcareous.
1727354	Subcrop Composite	Black fissile shale, non-calcareous. Small disseminated limonite specks after pyrite?
1727355	Outcrop Composite	Rusty weathering, non-calcareous black shale with local silty beds. Unaltered.
1727356	Outcrop Grab	Limonitic qtz vein, ~0.5m wide cutting black shale.
1727357	Outcrop Composite	Qtz-feldspar porphyry dyke with 2% disseminated pyrite and limonitic fractures.
1727358	Outcrop Grab	Black non-calcareous shale, locally bleached and cut by limonitic veins to 1cm.
1727359	Outcrop Grab	2m wide qtz-feldspar porphyry dyke with limonitic fractures

APPENDIX VI

ROCK GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Amber Henry
Receiving Lab: Canada-Whitehorse
Received: September 12, 2012
Report Date: October 22, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI12000863.1

CLIENT JOB INFORMATION

Project: 204500
Shipment ID: NID_2012_001
P.O. Number
Number of Samples: 73

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	69	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
G601	73	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
4A4B	73	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN
1F04	73	1:1:1 Aqua Regia Digestion - Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

	Method	WGHT	G6	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Wgt	Au	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf
	Unit	kg	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1
1727201	Rock	3.37	<0.005	94.07	2.14	1.44	0.08	0.02	<0.01	0.48	0.12	0.05	<0.01	0.011	3	1.5	99.86	1210	0.8	3.6	0.9
1727202	Rock	2.61	<0.005	93.55	2.01	1.45	0.08	0.01	<0.01	0.50	0.11	0.07	<0.01	0.012	3	2.1	99.87	1117	0.9	3.3	0.9
1727203	Rock	3.36	0.013	79.58	8.95	0.64	0.49	0.02	0.05	1.92	0.46	0.03	<0.01	0.021	8	6.9	99.10	4717	4.7	11.5	1.9
1727204	Rock	2.54	<0.005	15.68	4.74	5.89	3.72	33.91	0.09	0.73	0.99	0.27	0.12	0.026	11	33.0	99.17	5463	2.1	7.0	1.8
1727205	Rock	3.34	<0.005	15.10	6.08	4.18	0.70	38.14	0.08	0.99	1.25	0.40	0.10	0.036	14	31.9	98.97	7955	3.0	8.8	2.1
1727206	Rock	2.24	<0.005	49.69	4.70	1.31	5.89	15.18	0.04	1.58	0.25	0.12	0.02	0.008	5	20.6	99.43	2817	1.3	5.5	2.0
1727207	Rock	3.35	0.006	72.75	6.59	2.11	2.35	4.89	0.02	1.78	0.40	0.12	0.03	0.012	6	8.4	99.47	1145	2.6	9.0	4.6
1727208	Rock	4.83	<0.005	69.01	0.83	4.07	4.22	8.67	<0.01	0.18	0.10	0.08	0.07	0.010	2	12.6	99.85	236	0.5	<0.5	0.1
1727209	Rock	3.96	<0.005	32.81	7.39	7.47	7.91	16.27	0.06	1.82	1.59	0.38	0.13	0.057	16	23.7	99.56	1516	8.1	10.2	3.3
1727210	Rock Pulp	0.07	0.985	36.93	4.34	28.98	2.62	2.87	0.09	0.58	0.13	0.08	0.08	0.016	4	19.1	95.85	362	1.0	9.4	1.6
1727211 G1	Rock	1.00	<0.005	67.27	15.55	3.61	1.23	3.52	3.37	3.46	0.40	0.20	0.10	0.003	6	1.0	99.72	1182	4.3	16.9	6.4
1727212	Rock	2.83	<0.005	39.78	6.23	3.89	9.12	14.65	0.04	1.54	0.32	0.14	0.07	0.008	6	23.6	99.40	3152	2.1	8.4	2.1
1727213	Rock	3.63	<0.005	15.83	5.96	9.50	10.37	22.00	0.09	0.56	1.27	0.38	0.27	0.022	14	33.2	99.50	1942	2.3	8.7	1.9
1727214	Rock	3.29	<0.005	21.11	5.62	8.97	9.48	20.39	0.10	0.77	1.23	0.39	0.21	0.039	15	31.1	99.40	2532	3.0	8.0	2.3
1727215	Rock	3.33	0.008	69.98	13.32	3.67	0.67	2.12	0.07	3.21	0.80	0.15	0.04	0.016	14	5.6	99.61	2392	7.1	19.2	4.5
1727216	Rock	3.20	0.010	75.13	13.36	2.54	0.42	0.25	0.06	3.21	0.79	0.18	<0.01	0.019	11	3.7	99.65	2210	8.2	17.0	5.5
1727217	Rock	3.44	0.011	94.31	2.73	0.66	0.05	0.02	<0.01	0.68	0.15	0.04	<0.01	0.008	3	1.3	99.95	529	1.1	2.7	1.6
1727218	Rock	3.78	0.075	93.43	2.55	1.69	0.04	0.06	<0.01	0.46	0.10	0.18	<0.01	0.006	6	1.4	99.91	476	1.1	3.3	0.5
1727219	Rock	3.18	0.009	82.57	9.26	0.38	0.26	0.01	0.03	2.11	0.51	0.02	<0.01	0.013	9	4.4	99.62	2677	4.3	14.2	2.6
1727220	Rock	3.66	0.008	72.50	12.93	5.33	0.92	0.01	0.09	2.27	0.80	0.14	0.01	0.014	13	4.6	99.61	2307	4.6	17.2	5.4
1727221	Rock	2.96	<0.005	40.31	5.35	2.77	6.31	19.95	0.06	1.00	0.27	0.13	0.05	0.006	5	23.4	99.61	1750	1.9	6.8	3.5
1727222	Rock	3.67	<0.005	40.46	5.01	2.75	5.93	20.44	0.06	0.94	0.26	0.12	0.05	0.006	5	23.6	99.63	1597	1.7	6.1	2.7
1727223	Rock	2.68	0.005	75.12	13.26	2.39	0.75	0.15	0.10	2.72	0.76	0.12	<0.01	0.015	12	4.1	99.52	3292	4.2	20.3	4.6
1727224	Rock	3.41	<0.005	94.19	2.74	1.10	0.05	0.03	<0.01	0.59	0.13	0.05	0.02	0.009	3	1.0	99.94	639	1.0	2.0	0.9
1727225	Rock	2.03	0.015	84.31	5.16	2.14	0.09	0.21	0.03	0.75	0.21	0.40	<0.01	0.017	6	6.2	99.54	2057	3.5	6.4	1.2
1727226	Rock	2.90	0.010	82.34	4.49	0.79	0.17	0.04	0.04	1.02	0.28	0.18	<0.01	0.023	6	10.2	99.58	2813	2.8	7.2	1.2
1727227	Rock	2.44	0.018	20.59	3.35	1.25	3.78	33.61	0.04	0.85	0.18	0.10	0.03	0.009	4	35.6	99.44	1377	3.2	4.4	1.6
1727228	Rock	2.42	<0.005	24.50	6.01	4.36	4.39	30.47	0.04	1.14	1.20	0.24	0.12	0.046	15	26.9	99.45	3280	5.0	9.6	2.4
1727229	Rock	3.72	<0.005	42.45	4.98	9.90	4.18	13.10	0.13	0.09	0.91	0.22	0.16	0.056	15	13.2	89.43	159	0.6	5.5	1.3
1727230	Rock	2.03	<0.005	39.49	11.68	20.62	8.28	0.96	0.05	0.30	1.87	1.93	0.10	0.064	30	14.2	99.63	400	3.1	13.3	3.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05
1727201	Rock	5.7	14.3	<1	24.9	0.2	1.6	0.9	116	0.9	39.0	4.3	5.2	9.7	1.13	4.5	0.82	0.23	0.75	0.12	0.91
1727202	Rock	3.3	15.1	<1	28.4	0.3	1.5	0.8	111	0.7	33.5	5.0	5.9	10.6	1.38	3.9	1.03	0.26	1.07	0.16	0.97
1727203	Rock	11.8	92.8	2	18.0	0.7	4.5	6.6	2378	1.4	74.9	15.5	28.0	37.6	5.85	22.1	2.91	0.37	2.05	0.31	1.85
1727204	Rock	32.4	20.8	<1	729.3	1.2	4.0	1.1	121	<0.5	64.5	10.2	38.6	66.4	6.85	23.2	3.65	1.13	3.22	0.45	2.10
1727205	Rock	42.0	27.6	<1	464.2	1.2	4.7	1.4	153	0.8	83.0	12.2	34.0	60.3	6.64	28.0	4.72	1.38	4.24	0.62	2.89
1727206	Rock	5.9	50.6	<1	354.7	0.5	3.8	6.9	576	0.9	95.3	22.7	21.7	31.6	4.55	18.2	2.94	0.59	3.04	0.49	2.60
1727207	Rock	7.9	68.0	1	71.5	0.5	7.3	5.7	1635	1.2	177.0	23.5	25.4	41.1	5.58	21.2	3.96	0.78	3.48	0.61	3.42
1727208	Rock	4.1	7.4	<1	402.0	0.2	0.5	0.2	32	<0.5	15.7	4.8	4.1	6.8	0.89	4.0	1.36	0.87	1.41	0.20	1.03
1727209	Rock	62.0	64.7	<1	350.9	3.1	8.5	2.4	222	0.7	122.5	18.1	48.6	86.6	9.49	35.4	6.19	1.77	5.23	0.80	3.88
1727210	Rock Pulp	3.6	17.7	109	60.1	0.2	2.1	2.7	62	1.7	54.4	11.5	9.0	15.9	2.11	8.1	1.72	0.42	1.79	0.32	1.96
1727211 G1	Rock	25.0	127.9	2	807.2	1.5	8.1	3.5	52	<0.5	175.6	18.4	31.3	60.3	6.50	26.0	4.60	1.26	3.60	0.53	2.86
1727212	Rock	7.0	57.1	1	278.8	0.4	4.9	5.1	286	0.7	72.1	19.7	18.7	32.7	4.28	16.2	3.05	0.74	3.15	0.51	2.79
1727213	Rock	31.6	9.2	<1	496.9	1.1	5.9	1.4	145	0.7	69.6	16.0	37.0	63.6	6.70	24.1	3.94	1.22	4.12	0.72	3.63
1727214	Rock	40.0	15.0	<1	672.2	2.0	5.2	1.6	182	0.7	82.7	10.5	38.4	67.5	7.25	25.5	4.59	1.46	3.74	0.50	2.39
1727215	Rock	18.7	101.0	2	180.3	1.2	12.5	3.6	253	1.9	165.5	27.2	39.8	76.0	8.80	32.2	6.21	1.21	5.64	0.88	4.61
1727216	Rock	18.8	91.1	3	135.1	1.4	12.1	3.1	223	1.8	192.4	24.2	42.9	80.7	9.42	35.5	5.99	1.26	5.45	0.77	4.88
1727217	Rock	4.1	18.5	<1	30.8	0.3	2.1	1.2	56	0.6	51.4	6.3	9.2	17.3	2.13	8.9	1.59	0.33	1.00	0.12	0.87
1727218	Rock	3.3	15.7	<1	34.3	0.2	1.3	2.0	58	2.2	29.9	4.4	6.0	10.4	1.33	5.9	1.56	0.38	1.39	0.20	1.14
1727219	Rock	11.5	93.9	2	48.7	0.8	7.4	5.3	331	1.5	106.9	23.8	34.3	60.3	7.28	25.2	4.07	0.73	3.07	0.51	3.25
1727220	Rock	18.1	83.2	2	190.7	1.2	12.3	4.0	201	1.9	183.5	23.8	42.2	80.2	8.80	32.3	5.46	0.93	4.46	0.75	3.98
1727221	Rock	5.8	40.7	<1	349.8	0.4	5.3	5.6	100	0.9	124.7	29.3	23.2	40.7	5.12	20.6	4.43	0.97	4.59	0.71	3.64
1727222	Rock	4.9	35.8	1	323.9	0.3	4.7	5.3	109	0.6	112.2	27.9	21.7	37.0	4.71	19.7	4.19	0.96	4.44	0.67	3.70
1727223	Rock	19.5	89.5	2	128.1	1.3	12.5	3.9	227	2.2	170.4	24.6	44.2	84.7	9.67	35.4	6.02	1.06	5.04	0.80	4.33
1727224	Rock	3.2	18.6	<1	77.5	0.3	1.7	1.0	62	0.6	40.2	3.9	8.2	15.2	1.91	6.8	1.19	0.24	0.65	0.08	0.52
1727225	Rock	4.5	32.5	<1	471.5	0.3	2.7	20.2	1053	0.6	46.1	10.3	15.4	19.8	3.23	13.4	3.41	0.89	2.75	0.35	1.76
1727226	Rock	7.7	38.3	2	25.8	0.4	3.3	10.4	727	0.7	55.5	7.5	16.8	22.9	3.45	13.1	2.49	0.51	2.17	0.24	1.25
1727227	Rock	4.0	34.6	<1	844.6	0.2	3.1	11.5	885	0.7	85.8	31.3	19.3	26.5	3.99	14.7	3.18	0.67	3.45	0.56	3.24
1727228	Rock	37.3	52.3	7	342.3	1.8	3.7	1.8	153	3.0	84.4	16.8	28.2	49.4	5.25	19.4	3.97	1.24	3.81	0.63	3.16
1727229	Rock	30.4	4.0	42	233.5	1.4	2.5	1.2	145	56.0	68.1	8.2	13.5	25.2	2.89	12.1	2.09	0.75	2.06	0.31	1.67
1727230	Rock	64.7	20.2	22	211.7	3.3	8.5	22.7	426	13.5	150.6	26.2	54.1	100.1	10.94	42.0	10.02	3.28	10.93	1.49	6.96

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb
	Unit	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm
	MDL	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02
1727201	Rock	0.15	0.48	0.07	0.42	0.05	0.61	<0.02	0.64	34.67	7.43	8.5	229	7.1	0.4	63	0.97	10.9	1.0	0.04	0.73
1727202	Rock	0.16	0.56	0.07	0.65	0.08	0.70	0.02	0.74	31.08	4.94	7.2	420	5.9	0.4	58	1.08	3.8	1.0	0.04	0.99
1727203	Rock	0.47	1.59	0.22	1.83	0.26	3.16	0.08	35.67	4.13	16.34	9.0	3561	16.6	0.1	9	0.36	5.1	1.2	0.44	23.15
1727204	Rock	0.39	1.06	0.12	0.75	0.09	9.46	0.02	0.51	32.38	2.18	74.5	51	57.6	14.3	944	3.78	10.6	<0.2	0.95	0.33
1727205	Rock	0.55	1.38	0.15	1.05	0.12	8.99	0.14	0.34	42.98	2.29	77.6	38	81.3	23.3	849	2.63	76.3	<0.2	0.29	1.70
1727206	Rock	0.67	1.95	0.27	1.88	0.26	6.23	0.06	41.80	42.81	5.66	132.9	215	105.4	3.9	168	0.83	12.2	1.3	3.34	4.34
1727207	Rock	0.76	2.23	0.33	2.42	0.35	2.46	<0.02	46.83	41.77	10.26	642.3	295	66.5	5.6	218	1.38	20.0	0.4	9.56	13.39
1727208	Rock	0.17	0.37	0.02	0.17	0.02	3.91	<0.02	0.84	1.95	1.89	18.8	47	36.2	6.3	539	2.68	1.0	0.4	0.07	2.36
1727209	Rock	0.70	1.74	0.23	1.37	0.18	6.53	<0.02	2.71	49.24	7.17	23.6	131	205.8	36.8	1073	4.94	1.9	0.4	0.11	0.66
1727210	Rock Pulp	0.41	1.25	0.16	1.24	0.18	1.46	20.55	14.34	5569	4957	>10000	70701	26.3	32.8	649	22.19	2041	190.3	167.8	123.7
1727211 G1	Rock	0.65	1.86	0.28	2.44	0.33	<0.02	<0.02	0.14	3.51	6.42	56.1	61	5.3	5.7	602	2.13	0.6	0.7	0.08	0.12
1727212	Rock	0.62	1.89	0.25	1.82	0.25	6.84	<0.02	10.36	21.82	12.29	85.3	189	44.8	7.8	565	2.60	13.1	<0.2	0.97	3.76
1727213	Rock	0.65	1.55	0.15	1.01	0.13	9.67	0.06	0.35	34.06	3.39	11.3	141	55.3	17.3	2114	6.44	11.3	<0.2	0.02	1.92
1727214	Rock	0.41	1.07	0.11	0.88	0.09	9.11	0.04	0.96	36.80	2.48	10.2	83	152.4	31.6	1665	5.82	5.3	<0.2	0.03	1.50
1727215	Rock	1.05	3.04	0.44	3.14	0.43	1.09	0.02	2.32	77.05	13.58	56.9	387	37.7	10.0	362	2.37	6.8	<0.2	0.16	3.18
1727216	Rock	0.89	2.67	0.44	2.67	0.42	0.52	<0.02	2.37	81.26	14.32	86.9	418	42.5	8.7	64	1.71	8.7	<0.2	0.09	2.33
1727217	Rock	0.19	0.68	0.09	0.58	0.11	0.22	<0.02	0.58	3.42	8.40	4.2	269	2.5	0.2	29	0.42	11.8	5.4	0.02	4.12
1727218	Rock	0.20	0.55	0.08	0.58	0.06	0.11	0.06	1.07	39.21	26.99	29.4	553	17.1	1.3	66	1.27	179.6	30.5	0.17	17.15
1727219	Rock	0.76	2.36	0.33	2.25	0.35	1.62	0.02	2.75	7.14	29.95	2.5	782	1.5	<0.1	8	0.15	2.7	0.6	0.02	5.73
1727220	Rock	0.88	2.74	0.39	2.84	0.39	0.60	0.03	2.04	68.39	14.53	204.4	325	52.6	8.3	112	3.77	6.2	<0.2	0.72	0.98
1727221	Rock	0.82	2.51	0.32	2.16	0.32	6.87	<0.02	28.38	23.06	9.55	90.5	56	82.9	9.1	433	1.91	8.9	<0.2	1.55	2.03
1727222	Rock	0.76	2.29	0.31	2.19	0.32	6.87	0.03	28.44	22.54	9.48	92.0	79	74.6	8.3	411	1.85	8.2	<0.2	1.47	2.10
1727223	Rock	0.93	2.72	0.42	3.00	0.41	0.67	<0.02	2.66	55.63	14.61	105.7	194	41.3	6.4	57	1.55	4.5	<0.2	0.88	1.10
1727224	Rock	0.11	0.42	0.06	0.39	0.05	0.23	0.08	0.84	4.38	10.68	2.2	522	4.7	0.6	60	0.74	1.7	<0.2	0.03	0.71
1727225	Rock	0.34	1.01	0.13	1.00	0.11	2.63	0.05	51.34	107.4	43.72	54.8	920	22.3	0.5	39	1.62	19.8	<0.2	0.34	11.89
1727226	Rock	0.25	0.88	0.13	1.07	0.14	7.60	0.09	17.23	18.55	11.04	15.8	1037	10.9	0.3	13	0.58	26.4	3.5	0.24	2.40
1727227	Rock	0.77	2.42	0.35	2.38	0.30	13.19	0.04	44.92	49.11	10.85	529.8	453	113.9	3.7	242	0.82	26.9	<0.2	6.52	8.59
1727228	Rock	0.57	1.53	0.18	1.30	0.14	7.71	0.83	0.75	43.06	9.56	49.6	278	139.0	31.1	983	2.75	114.6	<0.2	0.13	2.72
1727229	Rock	0.32	0.88	0.11	0.63	0.09	3.35	4.36	0.56	36.88	194.8	>10000	16251	200.4	52.9	1297	6.96	>10000	<0.2	284.0	13.31
1727230	Rock	1.17	2.81	0.34	2.34	0.27	0.10	1.10	3.22	103.1	32.41	171.1	1610	282.2	47.7	755	14.80	121.3	<0.2	2.16	5.51

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Bi	P	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
	Unit	ppm	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.001	0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
1727201	Rock	0.04	0.011	26.3	<20	<0.02	62	1.1	0.03	<0.1	<0.02	2	0.1	0.6	<10	<2
1727202	Rock	0.04	0.016	34.1	<20	<0.02	60	2.1	0.04	<0.1	<0.02	2	<0.1	0.5	<10	<2
1727203	Rock	0.15	0.007	13.8	<20	0.50	976	13.1	0.34	<0.1	<0.02	230	0.2	1.1	20	10
1727204	Rock	<0.02	0.107	61.0	<20	0.08	14	<0.1	0.02	<0.1	0.04	<1	<0.1	3.8	<10	<2
1727205	Rock	<0.02	0.165	51.9	<20	0.11	29	<0.1	<0.02	<0.1	0.04	<1	<0.1	2.3	<10	<2
1727206	Rock	0.05	0.048	8.5	<20	0.96	189	7.6	0.06	<0.1	<0.02	<1	0.5	2.1	17	<2
1727207	Rock	0.10	0.051	9.8	<20	0.18	679	4.6	0.05	<0.1	0.04	2	0.7	1.0	<10	<2
1727208	Rock	<0.02	0.037	26.4	<20	<0.02	7	<0.1	<0.02	<0.1	<0.02	<1	<0.1	0.9	<10	<2
1727209	Rock	<0.02	0.161	65.5	<20	0.10	37	0.2	<0.02	<0.1	0.04	1	0.4	4.9	<10	<2
1727210	Rock Pulp	32.57	0.032	46.8	<20	16.40	9413	97.7	0.43	0.2	7.27	25	0.3	10.6	<10	<2
1727211 G1	Rock	0.04	0.105	15.0	<20	0.33	10	<0.1	<0.02	<0.1	<0.02	1	0.2	32.5	<10	<2
1727212	Rock	0.08	0.062	9.1	<20	0.12	123	0.4	<0.02	<0.1	<0.02	<1	0.7	1.9	<10	<2
1727213	Rock	<0.02	0.148	71.5	<20	0.02	22	<0.1	<0.02	<0.1	0.06	1	<0.1	3.8	<10	<2
1727214	Rock	<0.02	0.161	127.3	<20	0.03	20	<0.1	<0.02	<0.1	0.07	2	0.1	4.4	<10	<2
1727215	Rock	0.29	0.057	13.1	<20	0.12	78	2.0	0.05	<0.1	0.05	2	0.7	5.4	<10	2
1727216	Rock	0.32	0.067	20.0	<20	0.12	92	1.4	0.09	<0.1	0.03	4	0.5	12.4	<10	<2
1727217	Rock	0.04	0.011	22.2	<20	0.03	27	0.6	0.02	<0.1	<0.02	<1	<0.1	0.9	<10	<2
1727218	Rock	0.03	0.075	28.0	<20	0.03	42	1.4	<0.02	<0.1	0.02	<1	0.2	0.4	<10	<2
1727219	Rock	0.24	0.001	6.5	<20	0.38	741	0.4	0.05	<0.1	<0.02	27	0.3	0.4	<10	2
1727220	Rock	0.33	0.061	30.4	<20	0.22	115	1.2	0.06	<0.1	0.05	2	0.9	25.1	<10	<2
1727221	Rock	0.04	0.060	11.5	<20	0.28	184	1.8	<0.02	<0.1	<0.02	1	0.5	2.0	<10	<2
1727222	Rock	0.04	0.056	12.0	<20	0.28	173	2.0	<0.02	<0.1	<0.02	<1	0.7	2.3	13	<2
1727223	Rock	0.29	0.050	16.8	<20	0.18	94	3.2	0.08	<0.1	0.02	11	0.6	10.9	<10	<2
1727224	Rock	0.05	0.013	22.8	<20	0.07	45	1.2	0.03	<0.1	<0.02	3	<0.1	0.4	<10	<2
1727225	Rock	0.08	0.208	53.5	<20	0.58	401	8.7	0.25	<0.1	0.10	83	0.5	1.3	15	4
1727226	Rock	0.14	0.090	28.8	<20	0.06	223	3.2	0.14	<0.1	0.04	76	0.2	0.5	<10	4
1727227	Rock	0.05	0.052	12.7	<20	0.47	2127	6.6	0.11	<0.1	<0.02	167	0.4	1.7	23	3
1727228	Rock	1.00	0.130	123.0	<20	0.04	6	<0.1	<0.02	<0.1	0.04	1	0.2	24.8	<10	<2
1727229	Rock	68.99	0.105	125.6	<20	<0.02	4230	3.4	3.27	<0.1	4.85	2	<0.1	21.2	<10	<2
1727230	Rock	8.30	0.800	299.4	<20	<0.02	17	1.4	0.04	0.2	0.10	7	1.6	112.2	<10	<2

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Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

Method		WGHT	G6	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Wgt	Au	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf
Unit		kg	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm
MDL		0.01	0.005	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1
1727231	Rock Pulp	0.07	1.018	37.05	4.35	28.50	2.59	2.84	0.11	0.58	0.13	0.08	0.08	0.014	4	19.5	95.87	354	0.9	9.2	1.5
1727232 G1	Rock	1.00	<0.005	67.49	15.45	3.63	1.18	3.41	3.50	3.51	0.40	0.18	0.10	0.003	6	0.9	99.72	1097	4.3	18.0	3.8
1727233	Rock	3.02	0.005	86.65	1.99	8.39	0.04	0.02	<0.01	0.50	0.10	0.33	0.03	0.008	3	1.9	99.92	486	0.9	1.7	0.9
1727234	Rock	2.81	0.007	86.68	6.28	1.04	0.24	0.01	0.02	1.42	0.30	0.02	<0.01	0.008	7	3.6	99.67	2399	5.5	10.6	1.7
1727235	Rock	4.67	<0.005	84.55	6.31	1.08	0.39	0.01	<0.01	1.50	0.30	0.05	<0.01	0.008	9	4.9	99.08	7861	3.5	10.0	1.9
1727236	Rock	4.51	0.006	82.04	6.45	1.40	0.40	<0.01	<0.01	1.56	0.35	0.02	<0.01	0.009	8	6.0	98.25	14865	3.3	11.4	2.0
1727237	Rock	2.60	<0.005	90.72	1.97	1.17	0.13	0.02	<0.01	0.42	0.10	0.04	<0.01	0.005	2	4.8	99.40	5206	1.6	3.5	0.6
1727238	Rock	3.45	0.012	91.18	1.96	1.30	0.09	0.02	<0.01	0.36	0.11	0.01	0.01	0.005	2	4.7	99.70	2807	1.4	2.5	0.7
1727239	Rock	4.56	<0.005	25.09	1.42	3.95	<0.01	0.31	<0.01	0.07	0.03	0.17	0.03	0.003	2	2.6	33.68	>50000	<0.1	<0.5	0.8
1727240	Rock	3.50	0.012	84.10	6.41	1.21	0.37	<0.01	0.01	1.51	0.33	0.03	<0.01	0.006	6	5.4	99.41	4748	2.9	8.4	1.4
1727241	Rock	3.51	<0.005	95.87	2.03	0.66	0.04	<0.01	<0.01	0.53	0.10	0.02	<0.01	0.009	2	0.7	99.92	834	0.6	3.0	0.7
1727242	Rock	3.92	<0.005	95.02	2.33	0.86	0.05	<0.01	<0.01	0.61	0.12	0.02	<0.01	0.012	3	0.9	99.94	608	0.8	3.4	0.8
1727243	Rock	3.66	<0.005	95.15	1.99	1.10	0.03	0.01	<0.01	0.47	0.11	0.03	<0.01	0.004	2	1.0	99.95	518	0.7	2.6	0.7
1727244	Rock	4.70	<0.005	17.44	7.66	20.22	8.43	17.42	<0.01	0.03	1.70	0.31	0.53	0.045	30	25.9	99.72	175	0.9	9.5	3.0
1727245	Rock	3.54	0.009	45.38	4.88	1.64	3.63	19.79	0.01	1.11	0.24	0.32	0.03	0.022	6	22.3	99.33	949	4.0	5.7	2.1
1727246	Rock	3.66	<0.005	20.16	0.55	6.62	5.62	32.80	<0.01	0.12	0.02	0.02	0.17	<0.002	1	33.7	99.78	157	0.4	<0.5	0.2
1727247	Rock	4.54	<0.005	53.33	12.64	3.54	4.33	7.71	0.03	3.33	0.57	0.08	0.05	0.012	13	12.9	98.51	12030	3.7	16.7	3.4
1727248	Rock	3.61	<0.005	36.39	4.92	1.52	9.87	18.12	0.01	1.20	0.23	0.09	0.02	0.006	5	27.1	99.48	1264	2.1	4.8	2.3
1727249	Rock	3.74	<0.005	76.25	11.89	2.90	0.34	0.06	0.07	2.68	0.64	0.11	<0.01	0.015	12	4.6	99.58	2922	7.1	15.7	3.8
1727250	Rock Pulp	0.07	1.077	36.18	4.35	29.35	2.58	2.86	0.08	0.62	0.13	0.08	0.08	0.014	5	19.5	95.89	337	0.8	6.9	1.7
1727251 G1	Rock	1.00	<0.005	67.75	15.33	3.55	1.21	3.41	3.50	3.54	0.39	0.18	0.10	0.004	6	0.8	99.73	1118	4.2	17.7	4.2
1727252	Rock	3.73	0.007	94.40	2.53	0.84	0.04	0.01	0.02	0.47	0.12	0.04	<0.01	0.011	2	1.4	99.86	1212	0.9	3.5	0.8
1727253	Rock	2.74	0.007	55.84	8.69	3.59	4.53	8.66	0.03	2.20	0.49	0.12	0.04	0.019	9	15.3	99.52	2870	3.7	11.3	3.7
1727254	Rock	3.22	<0.005	88.57	3.22	1.30	0.70	1.33	<0.01	0.66	0.17	0.03	0.02	0.008	1	3.8	99.80	1115	1.4	1.6	1.9
1727255	Rock	2.89	<0.005	36.10	10.95	12.22	7.24	11.22	<0.01	1.58	2.77	0.87	0.18	0.032	22	16.1	99.22	2926	14.8	17.1	4.8
1727256	Rock	1.91	<0.005	38.77	5.88	12.07	2.91	17.73	0.01	1.37	0.28	0.07	0.04	0.010	8	20.2	99.37	4342	2.0	6.8	2.3
1727257	Rock	2.72	0.009	77.52	11.47	3.52	0.27	0.07	0.07	2.58	0.67	0.10	0.01	0.014	10	3.4	99.73	1627	4.3	16.3	4.2
1727258	Rock	2.33	<0.005	56.03	5.36	1.95	1.42	12.83	0.02	0.92	0.31	0.19	0.02	0.007	6	20.6	99.69	1407	2.4	6.4	1.9
1727259	Rock	2.81	<0.005	32.84	4.64	7.69	5.59	21.03	0.02	0.16	0.91	0.20	0.18	0.033	16	26.3	99.59	1589	1.0	6.8	1.6
1727260	Rock	3.16	<0.005	82.06	6.14	4.95	0.14	1.88	0.02	0.53	0.36	0.15	0.09	0.010	8	3.5	99.86	799	1.2	7.3	3.1

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05
1727231	Rock Pulp	2.4	18.3	106	61.6	0.1	2.1	2.8	58	1.4	54.6	11.3	9.3	16.2	2.13	9.0	1.70	0.42	1.75	0.30	1.89
1727232 G1	Rock	23.8	122.1	2	802.0	1.6	8.8	3.6	56	<0.5	132.6	16.0	30.6	58.1	6.25	24.2	4.12	1.04	3.20	0.49	2.83
1727233	Rock	2.4	15.8	<1	51.8	0.2	1.6	1.8	123	1.0	30.5	4.1	4.4	7.6	1.09	5.4	0.82	0.18	0.71	0.10	0.71
1727234	Rock	7.9	72.6	1	45.9	0.5	3.3	2.5	384	1.2	57.3	13.2	17.5	32.3	4.33	16.4	2.95	0.58	2.14	0.33	1.89
1727235	Rock	7.8	73.7	2	25.4	0.5	5.4	3.8	262	1.2	58.0	13.9	17.0	30.5	3.99	15.4	2.76	0.60	2.26	0.33	1.83
1727236	Rock	7.6	77.7	1	101.3	0.6	5.5	3.2	508	1.5	66.7	20.2	21.1	37.8	4.91	19.4	3.30	0.59	2.54	0.43	2.81
1727237	Rock	2.5	22.9	<1	40.7	0.2	1.5	2.5	113	0.5	20.1	3.6	7.2	11.9	1.77	6.4	0.98	0.20	0.66	0.08	0.54
1727238	Rock	2.3	19.6	<1	20.2	0.2	1.4	1.8	81	0.6	20.7	2.7	8.9	15.4	2.42	9.7	1.18	0.19	0.50	0.05	0.35
1727239	Rock	0.7	1.9	<1	502.5	1.3	0.4	4.3	173	<0.5	10.3	12.8	3.0	2.8	0.49	1.7	0.94	1.78	4.06	0.25	1.32
1727240	Rock	7.1	73.3	2	30.0	0.5	3.8	2.7	337	1.1	59.4	15.1	21.9	40.4	5.37	19.7	3.14	0.65	2.01	0.34	2.09
1727241	Rock	3.3	15.2	<1	18.6	0.2	1.5	0.6	46	0.5	28.9	3.5	5.8	10.9	1.44	6.0	0.91	0.17	0.45	0.06	0.44
1727242	Rock	3.2	17.7	<1	18.7	0.2	1.6	0.8	54	0.7	32.9	4.3	6.7	12.1	1.64	7.2	1.04	0.19	0.53	0.08	0.52
1727243	Rock	2.8	13.0	<1	23.8	0.1	1.6	1.0	41	0.7	33.8	4.2	6.0	11.1	1.46	5.0	0.96	0.20	0.66	0.09	0.55
1727244	Rock	51.3	0.9	<1	279.1	1.6	5.7	1.7	202	0.6	111.2	15.7	37.7	69.9	8.30	30.7	5.98	1.61	5.26	0.63	3.01
1727245	Rock	4.8	50.8	1	290.8	0.3	4.1	7.2	2115	1.1	83.2	39.9	22.3	31.5	5.40	21.4	4.01	1.00	4.23	0.66	3.87
1727246	Rock	0.2	4.7	<1	720.6	<0.1	0.4	2.0	31	<0.5	7.2	66.9	4.6	6.7	0.99	4.1	1.68	1.36	6.65	1.59	9.45
1727247	Rock	10.0	117.5	2	346.2	0.7	8.8	2.1	95	1.1	126.4	31.9	34.6	64.4	8.36	33.6	6.09	1.17	5.28	0.83	4.95
1727248	Rock	4.1	46.1	<1	220.0	0.3	4.0	3.7	837	<0.5	85.6	21.1	16.3	28.0	3.99	15.4	3.11	0.58	3.10	0.46	2.76
1727249	Rock	15.6	88.0	2	84.0	1.1	10.0	5.8	303	1.6	140.5	23.5	33.6	61.7	7.92	27.7	5.54	1.08	4.61	0.71	3.94
1727250	Rock Pulp	3.1	17.4	104	53.9	<0.1	2.2	2.6	58	1.6	57.5	11.3	9.3	16.4	2.29	9.5	2.08	0.50	2.02	0.30	2.05
1727251 G1	Rock	23.6	130.6	1	737.4	1.6	8.3	3.2	51	<0.5	138.9	18.3	30.8	58.9	6.81	23.9	4.16	1.11	3.35	0.52	2.86
1727252	Rock	3.3	16.0	<1	61.3	0.2	1.3	1.2	87	1.0	36.6	3.1	6.1	11.5	1.65	6.9	0.87	0.16	0.43	0.05	0.42
1727253	Rock	9.7	71.1	2	130.5	0.6	7.1	4.1	172	1.0	136.0	33.7	27.2	45.8	6.87	26.1	4.83	1.00	4.84	0.78	4.63
1727254	Rock	3.9	19.6	<1	43.9	0.2	2.1	2.1	472	0.7	61.4	8.0	4.1	8.3	1.15	4.2	1.01	0.37	1.20	0.20	1.16
1727255	Rock	121.9	68.3	2	1410	5.9	12.7	2.8	256	2.7	215.0	31.6	86.9	152.7	17.86	63.0	10.85	3.13	8.91	1.25	6.49
1727256	Rock	5.6	46.1	1	134.2	0.4	4.0	4.3	90	0.8	82.0	35.1	19.5	29.1	4.02	15.1	3.30	0.77	4.23	0.65	3.80
1727257	Rock	15.6	90.4	2	125.3	1.1	10.2	2.6	164	1.5	165.3	24.0	31.5	60.8	7.53	26.9	5.18	1.11	4.52	0.70	3.98
1727258	Rock	6.1	37.3	<1	197.6	0.4	4.5	7.8	207	1.0	74.1	20.3	24.4	36.4	5.06	19.7	3.47	0.65	3.01	0.44	2.59
1727259	Rock	31.6	6.3	<1	784.2	1.6	3.1	1.2	135	<0.5	56.2	12.0	11.3	21.7	2.67	10.8	2.75	0.99	3.11	0.46	2.54
1727260	Rock	7.7	21.2	1	94.5	0.5	5.5	1.4	121	0.9	112.6	12.8	17.4	35.6	4.37	17.3	3.09	0.79	2.76	0.39	2.31

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb
Unit		ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm
MDL		0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02
1727231	Rock Pulp	0.43	1.12	0.15	1.22	0.15	1.41	20.24	14.46	5416	4759	>10000	69003	25.7	31.8	661	21.69	1974	187.0	168.6	116.6
1727232 G1	Rock	0.60	1.75	0.28	2.09	0.27	<0.02	<0.02	0.16	2.87	4.84	99.3	85	5.9	4.8	658	2.18	57.4	<0.2	0.60	0.08
1727233	Rock	0.12	0.42	0.05	0.50	0.04	0.07	0.02	5.68	94.60	5.97	51.4	183	14.1	1.0	25	5.71	434.9	2.5	0.61	19.67
1727234	Rock	0.40	1.25	0.19	1.14	0.16	1.55	0.10	13.01	5.97	10.68	4.3	256	3.1	0.2	38	0.66	8.8	0.2	0.11	1.60
1727235	Rock	0.42	1.21	0.18	1.11	0.18	2.11	0.16	15.20	15.50	14.62	5.5	288	1.5	0.1	21	0.70	19.4	<0.2	0.09	1.88
1727236	Rock	0.66	1.92	0.26	1.67	0.25	3.21	0.38	13.92	9.76	9.49	4.1	245	2.5	0.3	54	0.97	6.3	<0.2	0.04	0.76
1727237	Rock	0.11	0.36	0.04	0.34	0.05	3.26	0.27	12.13	7.76	22.16	2.0	255	4.0	0.3	57	0.83	7.1	<0.2	0.03	1.01
1727238	Rock	0.08	0.24	0.03	0.25	0.03	3.45	0.18	6.80	5.84	32.64	3.7	511	4.1	0.4	96	0.92	4.7	<0.2	0.04	1.36
1727239	Rock	0.36	0.93	0.11	0.71	0.10	0.36	9.10	6.96	56.31	9.96	572.8	101	40.4	3.7	202	2.60	5.0	<0.2	2.77	2.36
1727240	Rock	0.46	1.32	0.19	1.27	0.18	2.94	0.13	16.78	6.29	30.85	4.5	463	2.7	0.2	51	0.78	9.2	<0.2	0.02	1.98
1727241	Rock	0.09	0.38	0.06	0.47	0.07	0.16	0.03	0.73	3.47	11.70	5.3	448	3.7	0.3	33	0.46	4.3	<0.2	0.04	1.51
1727242	Rock	0.13	0.47	0.06	0.49	0.08	0.21	0.03	0.79	3.50	11.79	2.5	408	4.2	0.3	48	0.59	3.6	<0.2	0.03	1.33
1727243	Rock	0.14	0.46	0.07	0.59	0.06	0.23	0.02	0.62	16.66	5.68	2.3	177	3.0	0.7	42	0.75	8.8	0.7	0.01	1.39
1727244	Rock	0.58	1.86	0.24	1.54	0.22	6.99	0.10	0.27	30.15	2.65	14.3	219	79.1	16.8	4065	13.99	2.4	<0.2	0.04	0.41
1727245	Rock	0.87	2.75	0.38	2.61	0.39	7.08	0.04	63.06	64.81	34.51	819.5	1391	99.6	3.3	245	1.02	24.8	<0.2	23.62	4.14
1727246	Rock	1.84	5.18	0.76	5.06	0.81	9.67	0.15	11.01	21.78	8.76	38.2	57	28.0	1.1	1337	4.17	6.2	<0.2	0.07	1.51
1727247	Rock	1.05	3.20	0.44	2.88	0.45	3.14	0.11	0.22	20.05	3.81	23.9	103	18.7	5.5	415	1.89	1.0	<0.2	0.07	0.23
1727248	Rock	0.61	1.75	0.24	1.65	0.25	7.99	0.03	28.97	16.35	6.06	266.8	492	67.9	3.7	150	0.95	13.1	<0.2	1.55	3.24
1727249	Rock	0.80	2.58	0.35	2.43	0.37	1.09	0.04	4.81	97.38	31.65	10.7	496	10.5	0.4	36	1.85	3.4	<0.2	0.05	0.28
1727250	Rock Pulp	0.43	1.24	0.17	1.08	0.16	1.42	20.25	13.20	5733	4901	>10000	65504	26.0	29.9	610	21.26	1830	213.1	150.5	90.06
1727251 G1	Rock	0.58	1.74	0.28	1.87	0.31	<0.02	<0.02	0.09	2.74	4.10	52.8	41	4.3	4.0	583	1.97	0.8	<0.2	0.07	0.04
1727252	Rock	0.13	0.39	0.06	0.51	0.06	0.26	0.07	1.34	3.69	18.06	2.3	459	3.3	0.2	31	0.56	1.8	<0.2	<0.01	1.64
1727253	Rock	0.99	2.91	0.40	2.63	0.41	4.85	0.05	4.12	57.18	10.46	46.6	504	58.6	7.3	322	2.24	3.4	<0.2	0.03	0.69
1727254	Rock	0.21	0.67	0.08	0.65	0.08	1.52	<0.02	7.91	21.87	1.16	29.4	44	23.8	1.6	162	0.78	1.3	<0.2	0.10	1.09
1727255	Rock	1.14	2.91	0.38	2.45	0.31	3.78	0.16	3.53	68.94	4.03	122.5	70	119.2	44.3	1374	8.23	4.1	<0.2	0.12	0.25
1727256	Rock	0.83	2.63	0.37	2.17	0.34	5.00	0.10	3.28	138.1	23.84	183.9	663	85.8	18.7	326	8.31	9.4	<0.2	0.59	2.52
1727257	Rock	0.84	2.23	0.35	2.39	0.35	0.53	0.03	1.90	34.50	9.99	91.3	469	31.0	7.7	81	2.21	4.9	<0.2	0.71	0.30
1727258	Rock	0.55	1.60	0.24	1.54	0.22	9.85	0.13	102.9	52.88	7.96	241.4	60	142.7	8.1	165	1.27	14.6	<0.2	2.86	1.36
1727259	Rock	0.46	1.10	0.12	0.75	0.10	7.32	0.04	0.51	41.88	3.24	43.2	52	80.8	13.3	1399	5.00	13.1	<0.2	0.20	0.34
1727260	Rock	0.44	1.28	0.18	1.10	0.17	0.77	0.03	1.35	52.16	6.46	89.0	255	41.2	11.6	718	3.24	4.5	<0.2	0.21	1.06

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Bi	P	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
Unit		ppm	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.001	0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
1727231	Rock Pulp	32.87	0.032	47.1	<20	16.61	9231	95.2	0.38	0.1	7.07	18	<0.1	10.6	<10	<2
1727232 G1	Rock	0.19	0.103	13.8	<20	0.30	9	<0.1	<0.02	<0.1	<0.02	<1	0.3	32.9	<10	<2
1727233	Rock	0.18	0.146	20.9	<20	<0.02	53	1.6	0.03	<0.1	0.03	<1	0.3	0.2	<10	<2
1727234	Rock	0.21	0.008	7.1	<20	0.28	206	2.3	0.08	<0.1	0.05	20	0.2	0.8	<10	<2
1727235	Rock	0.17	0.017	10.5	<20	0.43	139	5.4	0.08	<0.1	0.03	31	0.1	0.7	<10	<2
1727236	Rock	0.09	0.007	12.1	<20	0.24	150	3.3	0.06	<0.1	<0.02	30	0.2	1.0	<10	<2
1727237	Rock	0.07	0.012	19.9	<20	0.21	172	1.7	0.06	<0.1	<0.02	14	0.1	1.1	<10	<2
1727238	Rock	0.08	0.004	23.0	<20	0.21	161	1.9	0.03	<0.1	<0.02	21	<0.1	1.4	<10	<2
1727239	Rock	0.03	0.070	15.4	<20	0.23	138	2.7	0.04	<0.1	<0.02	3	0.5	0.3	<10	<2
1727240	Rock	0.16	0.005	10.8	<20	0.12	435	3.9	0.08	<0.1	<0.02	32	0.1	1.3	<10	<2
1727241	Rock	0.04	0.005	33.9	<20	0.06	219	1.1	0.03	<0.1	<0.02	4	<0.1	0.3	<10	<2
1727242	Rock	0.04	0.007	31.8	<20	0.06	187	1.3	<0.02	<0.1	<0.02	<1	<0.1	0.2	<10	<2
1727243	Rock	0.04	0.014	5.9	<20	0.04	353	0.8	<0.02	<0.1	<0.02	10	<0.1	1.2	<10	<2
1727244	Rock	<0.02	0.116	242.7	<20	<0.02	11	<0.1	<0.02	0.2	0.10	<1	<0.1	132.6	<10	<2
1727245	Rock	0.10	0.141	22.3	<20	0.54	916	10.9	0.11	<0.1	<0.02	81	0.6	1.5	34	3
1727246	Rock	<0.02	0.005	1.6	<20	0.07	40	0.9	0.05	<0.1	0.07	<1	<0.1	2.3	<10	<2
1727247	Rock	0.14	0.029	9.0	<20	0.09	30	0.1	0.03	<0.1	<0.02	<1	0.4	2.2	<10	<2
1727248	Rock	0.05	0.037	10.2	<20	0.43	162	11.2	0.05	<0.1	<0.02	72	0.3	3.3	<10	<2
1727249	Rock	0.27	0.042	15.7	<20	0.16	36	2.5	0.07	<0.1	<0.02	11	0.4	13.2	<10	<2
1727250	Rock Pulp	28.26	0.031	39.9	<20	14.49	7616	98.9	0.41	0.2	6.74	18	<0.1	9.2	<10	<2
1727251 G1	Rock	0.03	0.077	13.0	<20	0.31	15	<0.1	<0.02	<0.1	<0.02	<1	0.2	32.0	<10	<2
1727252	Rock	0.04	0.012	26.8	<20	0.09	80	1.4	0.06	<0.1	<0.02	2	<0.1	0.7	<10	<2
1727253	Rock	0.10	0.049	18.7	<20	0.03	109	10.8	0.05	<0.1	<0.02	13	0.7	0.7	<10	<2
1727254	Rock	<0.02	0.013	19.2	<20	0.09	19	0.7	0.05	<0.1	<0.02	51	0.2	0.3	<10	<2
1727255	Rock	<0.02	0.359	162.7	<20	1.29	15	<0.1	0.05	<0.1	0.06	<1	0.8	63.9	<10	<2
1727256	Rock	0.08	0.028	32.1	<20	0.14	371	14.0	0.05	<0.1	0.04	11	0.7	0.5	<10	<2
1727257	Rock	0.27	0.033	11.8	<20	0.13	102	1.3	0.06	<0.1	0.02	3	0.8	3.0	<10	<2
1727258	Rock	0.08	0.073	8.3	<20	0.09	241	3.4	0.14	<0.1	<0.02	59	0.6	0.8	<10	3
1727259	Rock	<0.02	0.083	98.4	<20	0.10	13	<0.1	0.09	<0.1	0.05	4	0.2	7.2	<10	2
1727260	Rock	0.09	0.057	28.3	<20	0.04	48	1.9	0.08	<0.1	0.04	2	0.2	6.1	<10	<2

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Suite 3300, 550 Burrard St.
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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

Method		WGHT	G6	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Wgt	Au	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf
Unit		kg	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm
MDL		0.01	0.005	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1
1727261	Rock	2.29	<0.005	55.66	7.90	5.22	4.39	9.75	0.06	1.55	0.40	0.08	0.14	0.008	9	13.9	99.05	7230	2.7	10.9	2.6
1727262	Rock	1.85	<0.005	55.53	7.97	5.33	4.49	9.01	0.06	1.56	0.41	0.07	0.15	0.007	9	14.3	98.91	7581	2.9	10.3	2.7
1727263	Rock	2.12	<0.005	68.52	13.71	2.73	1.37	2.50	0.09	3.21	0.60	0.07	0.04	0.012	13	5.8	98.65	11354	4.0	18.0	3.5
1727264	Rock	2.91	<0.005	91.86	2.44	1.23	0.12	0.07	<0.01	0.47	0.14	0.14	<0.01	0.009	3	3.3	99.76	1497	1.4	3.2	0.8
1727265	Rock	2.52	0.006	83.10	5.15	1.63	0.27	0.17	<0.01	1.01	0.29	0.35	<0.01	0.017	9	7.7	99.68	2127	2.6	6.7	1.4
1727266	Rock	2.75	0.020	70.87	2.63	20.38	0.03	<0.01	0.01	0.32	0.17	0.03	<0.01	0.005	3	5.4	99.89	780	0.4	2.9	1.0
1727267	Rock	3.18	<0.005	94.88	1.97	1.01	0.04	0.02	0.01	0.35	0.10	0.09	<0.01	0.014	8	1.5	99.93	627	0.5	1.9	0.7
1727268	Rock	2.86	0.012	95.37	1.05	0.93	0.03	0.02	<0.01	0.16	0.04	0.01	<0.01	0.008	1	2.3	99.94	508	0.6	1.0	0.2
1727269	Rock	3.62	<0.005	10.22	0.56	4.64	0.05	<0.01	<0.01	<0.01	0.04	0.05	0.04	0.004	1	2.5	18.04	>50000	0.2	<0.5	1.2
1727270	Rock	4.77	<0.005	7.95	0.34	6.63	<0.01	<0.01	<0.01	0.03	0.02	0.08	0.04	0.005	<1	2.3	17.41	>50000	<0.1	<0.5	1.2
1727271	Rock	2.93	<0.005	58.14	11.94	5.18	0.16	0.08	0.06	1.62	0.71	0.41	<0.01	0.018	27	9.6	87.97	>50000	4.1	12.5	3.9
1727272	Rock Pulp	0.07	1.083	36.80	4.37	29.27	2.58	2.85	0.08	0.62	0.13	0.07	0.08	0.014	5	19.1	95.95	352	0.7	10.5	1.3
1727273 G1	Rock	1.00	<0.005	67.78	15.44	3.60	1.18	3.39	3.48	3.52	0.40	0.18	0.10	0.005	6	0.6	99.68	1554	4.1	20.8	4.0

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05
1727261	Rock	8.9	58.6	2	331.7	0.5	6.4	2.5	75	1.3	99.5	26.3	27.6	57.3	6.82	27.1	5.02	1.10	4.40	0.71	4.07
1727262	Rock	7.5	60.8	1	341.7	0.6	6.4	2.3	78	1.3	101.2	28.8	29.0	59.2	6.96	26.1	5.32	1.10	4.92	0.74	4.04
1727263	Rock	11.7	109.1	2	123.1	0.8	8.9	1.6	93	2.5	142.9	22.0	29.6	56.0	7.15	23.9	4.03	0.72	3.21	0.55	3.52
1727264	Rock	5.9	17.7	<1	84.5	0.2	1.5	6.9	468	0.6	27.0	10.2	7.5	10.6	1.78	6.8	1.53	0.31	1.54	0.23	1.21
1727265	Rock	7.2	38.7	<1	60.4	0.5	3.5	7.1	208	1.0	54.0	33.9	23.6	30.3	5.11	19.6	3.78	0.86	4.09	0.68	4.39
1727266	Rock	4.5	10.9	<1	41.5	0.3	2.1	1.2	65	0.6	46.7	4.7	8.7	15.8	2.06	6.7	1.25	0.32	0.75	0.10	0.57
1727267	Rock	2.3	11.0	<1	101.4	0.2	2.3	1.1	72	0.7	30.2	3.2	7.2	11.2	1.31	5.3	0.78	0.16	0.56	0.07	0.55
1727268	Rock	0.7	8.1	<1	23.2	0.1	0.5	1.1	247	0.5	9.7	2.3	3.5	3.3	0.60	2.2	0.34	0.08	0.31	0.04	0.34
1727269	Rock	0.4	0.4	<1	652.0	1.8	0.5	1.1	86	<0.5	10.4	4.2	4.1	3.5	0.47	2.0	0.48	<0.02	2.57	0.13	0.18
1727270	Rock	0.3	0.4	<1	559.7	2.6	0.3	0.5	18	<0.5	7.3	2.6	3.1	2.4	0.20	1.3	0.40	<0.02	2.19	0.07	<0.05
1727271	Rock	9.7	63.7	2	532.7	0.9	14.6	5.7	246	1.1	124.0	19.9	38.2	74.1	9.03	35.7	5.74	0.49	5.04	0.56	3.08
1727272	Rock Pulp	2.8	18.2	101	56.6	0.2	2.2	2.8	60	1.6	59.8	12.5	9.7	16.8	2.21	8.5	1.95	0.47	1.93	0.34	1.88
1727273 G1	Rock	27.3	134.9	<1	750.1	1.4	8.7	3.3	54	<0.5	138.5	17.3	31.4	60.7	6.96	25.2	4.38	1.16	3.77	0.56	2.88

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb
Unit		ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm
MDL		0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02
1727261	Rock	0.85	2.32	0.34	2.31	0.31	3.63	0.05	0.47	15.18	10.79	47.8	223	20.5	7.4	1031	3.24	3.2	0.7	2.97	0.26
1727262	Rock	0.88	2.46	0.36	2.18	0.33	3.61	0.05	0.39	13.58	9.20	47.9	154	19.9	6.5	1092	3.39	2.1	<0.2	3.88	0.18
1727263	Rock	0.74	2.26	0.35	2.37	0.35	0.98	<0.02	0.07	0.93	1.30	20.1	24	7.9	2.6	271	1.56	<0.1	<0.2	0.05	0.03
1727264	Rock	0.26	0.76	0.11	0.80	0.11	1.47	0.06	3.71	63.58	7.13	25.9	551	9.6	0.7	65	0.90	7.1	<0.2	0.47	1.25
1727265	Rock	0.88	2.70	0.37	2.19	0.35	3.88	0.10	4.21	117.7	10.84	156.1	398	38.3	1.9	32	1.11	9.1	<0.2	0.45	1.95
1727266	Rock	0.15	0.49	0.08	0.54	0.08	0.32	0.10	2.74	65.85	75.46	21.3	1589	3.5	0.4	22	14.98	280.2	3.5	0.06	9.44
1727267	Rock	0.08	0.33	0.05	0.44	0.06	0.13	0.05	3.30	2.27	66.77	1.3	303	2.7	0.2	33	0.64	25.0	<0.2	0.03	1.39
1727268	Rock	0.08	0.20	0.03	0.20	0.03	1.11	0.05	4.25	10.53	9.86	0.9	234	4.3	0.3	59	0.66	1.6	<0.2	0.03	1.07
1727269	Rock	0.25	0.55	0.04	0.27	0.03	0.23	10.99	2.47	4.93	4.30	78.3	156	3.5	0.4	8	3.27	5.6	<0.2	0.07	2.40
1727270	Rock	0.23	0.42	0.02	0.22	0.02	0.15	10.96	2.10	3.58	1.86	73.6	52	3.6	0.6	13	4.27	7.8	<0.2	0.09	3.25
1727271	Rock	0.71	2.13	0.34	2.12	0.34	1.62	1.89	6.58	53.92	15.96	67.2	190	27.6	2.3	24	3.37	31.0	<0.2	0.09	1.26
1727272	Rock Pulp	0.42	1.36	0.17	1.21	0.22	1.42	19.97	14.28	5481	4478	>10000	66401	27.4	32.6	627	21.18	1927	130.6	135.9	88.29
1727273 G1	Rock	0.61	1.91	0.27	2.00	0.31	<0.02	<0.02	0.16	2.94	2.93	49.6	18	4.5	4.9	607	2.13	0.4	<0.2	0.02	0.02

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Project: 204500
Report Date: October 22, 2012

CERTIFICATE OF ANALYSIS WHI12000863.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Bi	P	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
	Unit	ppm	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.001	0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
1727261	Rock	0.11	0.015	8.2	<20	0.07	46	0.2	0.07	<0.1	0.05	<1	0.3	1.0	<10	<2
1727262	Rock	0.10	0.014	8.4	<20	0.08	33	<0.1	0.09	<0.1	0.05	<1	0.4	1.3	<10	<2
1727263	Rock	0.07	0.023	7.8	<20	0.07	14	<0.1	0.07	<0.1	0.03	<1	0.5	1.2	<10	<2
1727264	Rock	0.05	0.059	18.3	<20	0.07	102	0.6	0.08	<0.1	<0.02	12	0.5	0.4	<10	<2
1727265	Rock	0.12	0.158	15.6	<20	<0.02	181	2.7	0.08	<0.1	0.03	9	0.5	0.7	<10	4
1727266	Rock	0.08	0.005	8.3	<20	0.03	3749	17.4	0.06	0.1	<0.02	4	0.1	0.3	<10	2
1727267	Rock	0.04	0.033	24.5	<20	0.09	100	0.7	0.03	<0.1	<0.02	<1	<0.1	1.9	<10	3
1727268	Rock	<0.02	<0.001	20.6	<20	0.08	131	2.6	0.04	<0.1	<0.02	15	<0.1	0.4	<10	<2
1727269	Rock	0.03	0.021	6.1	<20	0.04	110	1.4	0.02	<0.1	<0.02	6	0.1	0.2	<10	<2
1727270	Rock	<0.02	0.022	2.5	<20	0.02	92	1.2	<0.02	<0.1	<0.02	1	<0.1	0.5	<10	<2
1727271	Rock	0.24	0.168	14.4	<20	0.33	264	2.7	0.09	<0.1	0.18	24	0.2	2.9	<10	<2
1727272	Rock Pulp	26.53	0.029	43.8	<20	13.61	8972	97.3	0.29	0.2	5.46	17	0.1	10.9	<10	<2
1727273 G1	Rock	0.03	0.079	14.5	<20	0.32	20	<0.1	<0.02	<0.1	<0.02	<1	0.2	29.9	<10	<2

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Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		Method	WGHT	G6	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Analyte	Wgt	Au	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf
		Unit	kg	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm
		MDL	0.01	0.005	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1
1727222	Rock		3.67	<0.005	40.46	5.01	2.75	5.93	20.44	0.06	0.94	0.26	0.12	0.05	0.006	5	23.6	99.63	1597	1.7	6.1	2.7
1727259	Rock		2.81	<0.005	32.84	4.64	7.69	5.59	21.03	0.02	0.16	0.91	0.20	0.18	0.033	16	26.3	99.59	1589	1.0	6.8	1.6
Pulp Duplicates																						
REP 1727208	QC																					
1727218	Rock		3.78	0.075	93.43	2.55	1.69	0.04	0.06	<0.01	0.46	0.10	0.18	<0.01	0.006	6	1.4	99.91	476	1.1	3.3	0.5
REP 1727218	QC				93.39	2.55	1.75	0.04	0.06	<0.01	0.46	0.10	0.18	<0.01	0.010	5	1.4	99.93	469	1.2	2.9	0.8
1727219	Rock		3.18	0.009	82.57	9.26	0.38	0.26	0.01	0.03	2.11	0.51	0.02	<0.01	0.013	9	4.4	99.62	2677	4.3	14.2	2.6
REP 1727219	QC			0.014																		
1727231	Rock Pulp		0.07	1.018	37.05	4.35	28.50	2.59	2.84	0.11	0.58	0.13	0.08	0.08	0.014	4	19.5	95.87	354	0.9	9.2	1.5
REP 1727231	QC				36.80	4.35	28.67	2.60	2.85	0.11	0.59	0.13	0.09	0.08	0.015	4	19.5	95.83	360	0.9	8.9	1.8
REP 1727243	QC																					
1727250	Rock Pulp		0.07	1.077	36.18	4.35	29.35	2.58	2.86	0.08	0.62	0.13	0.08	0.08	0.014	5	19.5	95.89	337	0.8	6.9	1.7
REP 1727250	QC				36.13	4.39	29.36	2.58	2.87	0.08	0.61	0.13	0.08	0.09	0.016	5	19.5	95.89	349	0.9	6.8	1.8
1727253	Rock		2.74	0.007	55.84	8.69	3.59	4.53	8.66	0.03	2.20	0.49	0.12	0.04	0.019	9	15.3	99.52	2870	3.7	11.3	3.7
REP 1727253	QC			<0.005																		
1727266	Rock		2.75	0.020	70.87	2.63	20.38	0.03	<0.01	0.01	0.32	0.17	0.03	<0.01	0.005	3	5.4	99.89	780	0.4	2.9	1.0
REP 1727266	QC				70.86	2.63	20.39	0.03	<0.01	0.01	0.32	0.17	0.02	<0.01	0.004	3	5.4	99.89	799	0.5	3.4	1.0
Core Reject Duplicates																						
1727208	Rock		4.83	<0.005	69.01	0.83	4.07	4.22	8.67	<0.01	0.18	0.10	0.08	0.07	0.010	2	12.6	99.85	236	0.5	<0.5	0.1
DUP 1727208	QC			<0.005	68.69	0.86	4.04	4.39	8.77	<0.01	0.19	0.11	0.08	0.07	0.008	2	12.6	99.81	473	0.3	<0.5	0.2
1727243	Rock		3.66	<0.005	95.15	1.99	1.10	0.03	0.01	<0.01	0.47	0.11	0.03	<0.01	0.004	2	1.0	99.95	518	0.7	2.6	0.7
DUP 1727243	QC			<0.005	94.86	2.13	1.21	0.04	<0.01	0.01	0.50	0.12	0.03	<0.01	0.005	2	1.0	99.95	496	0.7	1.2	1.1
Reference Materials																						
STD DS9	Standard																					
STD DS9	Standard																					
STD DS9	Standard																					
STD DS9	Standard																					
STD GS311-1	Standard																					
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05
1727222	Rock	4.9	35.8	1	323.9	0.3	4.7	5.3	109	0.6	112.2	27.9	21.7	37.0	4.71	19.7	4.19	0.96	4.44	0.67	3.70
1727259	Rock	31.6	6.3	<1	784.2	1.6	3.1	1.2	135	<0.5	56.2	12.0	11.3	21.7	2.67	10.8	2.75	0.99	3.11	0.46	2.54
Pulp Duplicates																					
REP 1727208	QC																				
1727218	Rock	3.3	15.7	<1	34.3	0.2	1.3	2.0	58	2.2	29.9	4.4	6.0	10.4	1.33	5.9	1.56	0.38	1.39	0.20	1.14
REP 1727218	QC	2.6	15.8	<1	35.1	0.2	1.2	1.9	54	3.5	28.9	3.9	5.8	10.3	1.28	5.9	1.25	0.29	1.33	0.20	1.13
1727219	Rock	11.5	93.9	2	48.7	0.8	7.4	5.3	331	1.5	106.9	23.8	34.3	60.3	7.28	25.2	4.07	0.73	3.07	0.51	3.25
REP 1727219	QC																				
1727231	Rock Pulp	2.4	18.3	106	61.6	0.1	2.1	2.8	58	1.4	54.6	11.3	9.3	16.2	2.13	9.0	1.70	0.42	1.75	0.30	1.89
REP 1727231	QC	3.9	17.4	107	60.2	0.2	2.2	2.8	62	1.7	55.3	10.5	8.7	16.4	1.97	8.3	1.75	0.42	1.77	0.29	2.03
REP 1727243	QC																				
1727250	Rock Pulp	3.1	17.4	104	53.9	<0.1	2.2	2.6	58	1.6	57.5	11.3	9.3	16.4	2.29	9.5	2.08	0.50	2.02	0.30	2.05
REP 1727250	QC	2.5	18.0	95	55.3	<0.1	2.2	2.5	58	1.9	55.3	12.7	8.7	15.2	2.19	8.4	1.76	0.50	1.97	0.33	1.93
1727253	Rock	9.7	71.1	2	130.5	0.6	7.1	4.1	172	1.0	136.0	33.7	27.2	45.8	6.87	26.1	4.83	1.00	4.84	0.78	4.63
REP 1727253	QC																				
1727266	Rock	4.5	10.9	<1	41.5	0.3	2.1	1.2	65	0.6	46.7	4.7	8.7	15.8	2.06	6.7	1.25	0.32	0.75	0.10	0.57
REP 1727266	QC	4.6	11.2	<1	42.8	0.3	2.2	1.2	71	0.8	45.3	4.7	8.9	16.5	2.11	8.9	1.37	0.34	0.87	0.10	0.72
Core Reject Duplicates																					
1727208	Rock	4.1	7.4	<1	402.0	0.2	0.5	0.2	32	<0.5	15.7	4.8	4.1	6.8	0.89	4.0	1.36	0.87	1.41	0.20	1.03
DUP 1727208	QC	4.5	7.1	<1	389.2	0.2	0.4	<0.1	31	0.6	11.6	4.9	3.9	7.0	0.80	4.3	1.29	0.98	1.54	0.18	1.04
1727243	Rock	2.8	13.0	<1	23.8	0.1	1.6	1.0	41	0.7	33.8	4.2	6.0	11.1	1.46	5.0	0.96	0.20	0.66	0.09	0.55
DUP 1727243	QC	2.9	11.9	<1	24.0	0.1	1.7	1.0	44	0.7	36.2	4.4	6.5	10.7	1.54	5.8	0.96	0.21	0.67	0.09	0.72
Reference Materials																					
STD DS9	Standard																				
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STD GS311-1	Standard																				
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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb
	Unit	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm
	MDL	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02
1727222	Rock	0.76	2.29	0.31	2.19	0.32	6.87	0.03	28.44	22.54	9.48	92.0	79	74.6	8.3	411	1.85	8.2	<0.2	1.47	2.10
1727259	Rock	0.46	1.10	0.12	0.75	0.10	7.32	0.04	0.51	41.88	3.24	43.2	52	80.8	13.3	1399	5.00	13.1	<0.2	0.20	0.34
Pulp Duplicates																					
REP 1727208	QC								0.78	1.87	2.07	20.2	40	36.6	6.4	555	2.71	0.9	<0.2	0.09	2.34
1727218	Rock	0.20	0.55	0.08	0.58	0.06	0.11	0.06	1.07	39.21	26.99	29.4	553	17.1	1.3	66	1.27	179.6	30.5	0.17	17.15
REP 1727218	QC	0.20	0.50	0.08	0.43	0.08															
1727219	Rock	0.76	2.36	0.33	2.25	0.35	1.62	0.02	2.75	7.14	29.95	2.5	782	1.5	<0.1	8	0.15	2.7	0.6	0.02	5.73
REP 1727219	QC																				
1727231	Rock Pulp	0.43	1.12	0.15	1.22	0.15	1.41	20.24	14.46	5416	4759	>10000	69003	25.7	31.8	661	21.69	1974	187.0	168.6	116.6
REP 1727231	QC	0.37	1.10	0.14	1.17	0.15	1.40	19.96													
REP 1727243	QC								0.57	16.11	6.06	2.1	192	3.1	0.8	44	0.77	8.6	<0.2	0.01	1.40
1727250	Rock Pulp	0.43	1.24	0.17	1.08	0.16	1.42	20.25	13.20	5733	4901	>10000	65504	26.0	29.9	610	21.26	1830	213.1	150.5	90.06
REP 1727250	QC	0.43	1.24	0.18	1.30	0.16															
1727253	Rock	0.99	2.91	0.40	2.63	0.41	4.85	0.05	4.12	57.18	10.46	46.6	504	58.6	7.3	322	2.24	3.4	<0.2	0.03	0.69
REP 1727253	QC																				
1727266	Rock	0.15	0.49	0.08	0.54	0.08	0.32	0.10	2.74	65.85	75.46	21.3	1589	3.5	0.4	22	14.98	280.2	3.5	0.06	9.44
REP 1727266	QC	0.17	0.51	0.08	0.60	0.08	0.31	0.10													
Core Reject Duplicates																					
1727208	Rock	0.17	0.37	0.02	0.17	0.02	3.91	<0.02	0.84	1.95	1.89	18.8	47	36.2	6.3	539	2.68	1.0	0.4	0.07	2.36
DUP 1727208	QC	0.14	0.38	0.03	0.26	0.02	3.89	<0.02	0.71	1.76	1.64	18.7	58	35.4	6.8	541	2.58	1.1	<0.2	0.09	2.40
1727243	Rock	0.14	0.46	0.07	0.59	0.06	0.23	0.02	0.62	16.66	5.68	2.3	177	3.0	0.7	42	0.75	8.8	0.7	0.01	1.39
DUP 1727243	QC	0.15	0.43	0.07	0.54	0.07	0.25	<0.02	0.60	17.53	5.83	8.2	190	2.9	0.6	48	0.76	8.7	<0.2	0.01	1.57
Reference Materials																					
STD DS9	Standard								13.51	110.5	132.0	324.2	1943	39.6	7.8	631	2.40	28.0	123.4	2.59	5.51
STD DS9	Standard								13.52	112.7	123.2	309.5	1863	40.8	7.6	599	2.36	26.5	101.3	2.49	3.45
STD DS9	Standard								14.99	116.7	126.6	335.2	1985	45.7	8.3	662	2.52	27.3	130.2	2.75	3.90
STD DS9	Standard								12.36	119.2	123.2	311.8	1798	44.3	8.4	584	2.36	23.4	92.2	2.14	3.82
STD GS311-1	Standard						0.98	2.49													
STD GS311-1	Standard						1.06	2.24													

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Bi	P	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
	Unit	ppm	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.001	0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
1727222	Rock	0.04	0.056	12.0	<20	0.28	173	2.0	<0.02	<0.1	<0.02	<1	0.7	2.3	13	<2
1727259	Rock	<0.02	0.083	98.4	<20	0.10	13	<0.1	0.09	<0.1	0.05	4	0.2	7.2	<10	2
Pulp Duplicates																
REP 1727208	QC	<0.02	0.037	26.2	<20	<0.02	11	<0.1	0.03	<0.1	<0.02	<1	<0.1	0.8	<10	<2
1727218	Rock	0.03	0.075	28.0	<20	0.03	42	1.4	<0.02	<0.1	0.02	<1	0.2	0.4	<10	<2
REP 1727218	QC															
1727219	Rock	0.24	0.001	6.5	<20	0.38	741	0.4	0.05	<0.1	<0.02	27	0.3	0.4	<10	2
REP 1727219	QC															
1727231	Rock Pulp	32.87	0.032	47.1	<20	16.61	9231	95.2	0.38	0.1	7.07	18	<0.1	10.6	<10	<2
REP 1727231	QC															
REP 1727243	QC	0.05	0.014	5.6	<20	0.04	347	0.8	0.05	<0.1	<0.02	5	0.1	1.2	<10	<2
1727250	Rock Pulp	28.26	0.031	39.9	<20	14.49	7616	98.9	0.41	0.2	6.74	18	<0.1	9.2	<10	<2
REP 1727250	QC															
1727253	Rock	0.10	0.049	18.7	<20	0.03	109	10.8	0.05	<0.1	<0.02	13	0.7	0.7	<10	<2
REP 1727253	QC															
1727266	Rock	0.08	0.005	8.3	<20	0.03	3749	17.4	0.06	0.1	<0.02	4	0.1	0.3	<10	2
REP 1727266	QC															
Core Reject Duplicates																
1727208	Rock	<0.02	0.037	26.4	<20	<0.02	7	<0.1	<0.02	<0.1	<0.02	<1	<0.1	0.9	<10	<2
DUP 1727208	QC	<0.02	0.037	25.3	<20	<0.02	10	<0.1	<0.02	<0.1	<0.02	<1	<0.1	0.9	<10	<2
1727243	Rock	0.04	0.014	5.9	<20	0.04	353	0.8	<0.02	<0.1	<0.02	10	<0.1	1.2	<10	<2
DUP 1727243	QC	0.05	0.013	5.4	<20	0.04	343	1.0	0.04	<0.1	<0.02	5	<0.1	1.6	<10	<2
Reference Materials																
STD DS9	Standard	6.87	0.092	127.7	<20	5.79	229	5.1	5.25	0.1	2.32	57	6.0	27.3	117	367
STD DS9	Standard	6.64	0.086	113.6	<20	5.50	186	5.6	5.01	<0.1	2.30	65	6.0	25.8	108	366
STD DS9	Standard	5.11	0.091	128.8	<20	6.42	244	6.3	5.73	0.1	2.29	61	5.8	28.7	134	410
STD DS9	Standard	5.98	0.078	117.5	<20	5.36	191	5.0	4.95	<0.1	1.88	54	5.1	24.7	121	336
STD GS311-1	Standard															
STD GS311-1	Standard															

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Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		WGHT	G6	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Wgt	Au	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf
		kg	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45CA	Standard																				
STD OREAS45CA	Standard																				
STD OREAS45CA	Standard																				
STD OREAS45CA	Standard																				
STD OXG99	Standard		0.932																		
STD OXG99	Standard		1.026																		
STD OXG99	Standard		0.900																		
STD OXG99	Standard		0.925																		
STD OXG99	Standard		0.902																		
STD OXK94	Standard		3.455																		
STD OXK94	Standard		3.585																		
STD OXK94	Standard		3.326																		
STD OXK94	Standard		3.476																		
STD SO-18	Standard			58.27	14.03	7.64	3.27	6.34	3.69	2.14	0.69	0.82	0.39	0.546	25	1.9	99.73	538	6.8	16.9	10.1
STD SO-18	Standard			58.18	14.22	7.44	3.33	6.34	3.68	2.17	0.69	0.81	0.40	0.559	24	1.9	99.72	553	7.4	17.1	9.8
STD SO-18	Standard			57.96	14.18	7.67	3.36	6.35	3.67	2.15	0.69	0.82	0.39	0.562	24	1.9	99.72	522	6.8	16.5	8.9
STD SO-18	Standard			58.23	14.18	7.44	3.35	6.34	3.68	2.14	0.69	0.82	0.39	0.565	23	1.9	99.73	528	7.0	16.5	8.9
STD SO-18	Standard			57.70	14.28	7.63	3.46	6.38	3.73	2.14	0.70	0.82	0.41	0.567	24	1.9	99.73	523	6.7	16.7	8.8
STD SO-18	Standard			57.97	14.12	7.60	3.40	6.40	3.73	2.12	0.69	0.82	0.41	0.556	24	1.9	99.73	510	6.6	16.6	8.8

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		4A-4B Nb ppm 0.1	4A-4B Rb ppm 0.1	4A-4B Sn ppm 1	4A-4B Sr ppm 0.5	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45CA	Standard																					
STD OREAS45CA	Standard																					
STD OREAS45CA	Standard																					
STD OREAS45CA	Standard																					
STD OXG99	Standard																					
STD OXG99	Standard																					
STD OXG99	Standard																					
STD OXG99	Standard																					
STD OXG99	Standard																					
STD OXK94	Standard																					
STD OXK94	Standard																					
STD OXK94	Standard																					
STD OXK94	Standard																					
STD SO-18	Standard	20.6	27.8	15	414.5	7.1	9.3	15.3	210	14.6	300.7	31.3	12.2	25.7	3.38	13.2	2.88	0.86	2.96	0.48	2.95
STD SO-18	Standard	21.6	28.1	14	431.7	7.3	9.7	16.2	212	15.1	305.9	33.1	12.4	26.6	3.45	13.3	2.88	0.88	3.02	0.49	2.87
STD SO-18	Standard	19.8	29.3	16	434.6	6.6	10.5	16.8	211	14.4	286.4	31.2	13.2	28.0	3.25	13.2	2.82	0.81	2.88	0.49	2.76
STD SO-18	Standard	20.4	28.5	16	440.7	6.7	11.0	17.2	215	14.3	294.2	31.1	13.1	28.0	3.36	12.8	2.92	0.85	2.98	0.50	2.98
STD SO-18	Standard	20.2	27.7	15	433.4	6.7	9.9	16.5	220	14.0	287.9	29.5	12.6	27.2	3.20	12.9	2.74	0.78	2.68	0.49	2.92
STD SO-18	Standard	20.1	28.5	15	423.3	7.0	9.7	16.6	214	12.9	268.7	28.2	12.4	25.6	3.05	13.4	2.66	0.75	2.66	0.46	2.66

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	2A Leco TOT/C % 0.02	2A Leco TOT/S % 0.02	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F Au ppb 0.2	1F Cd ppm 0.01	1F Sb ppm 0.02
STD GS311-1	Standard						1.06	2.36													
STD GS311-1	Standard						1.06	2.41													
STD GS311-1	Standard						1.08	2.26													
STD GS311-1	Standard						1.01	2.39													
STD GS910-4	Standard						2.69	8.67													
STD GS910-4	Standard						2.78	7.75													
STD GS910-4	Standard						2.81	8.21													
STD GS910-4	Standard						2.85	8.23													
STD GS910-4	Standard						2.84	7.52													
STD GS910-4	Standard						2.73	7.65													
STD OREAS45CA	Standard								1.06	513.9	21.56	60.7	285	255.6	92.5	980	16.71	4.1	38.5	0.12	0.20
STD OREAS45CA	Standard								0.88	521.5	19.84	59.5	292	253.2	91.7	957	16.72	3.3	34.3	0.07	0.08
STD OREAS45CA	Standard								0.75	564.6	18.24	60.7	285	276.6	99.4	990	17.73	3.8	39.3	0.08	0.15
STD OREAS45CA	Standard								0.94	502.1	17.64	56.2	241	244.6	97.7	911	16.05	3.1	51.3	0.09	0.11
STD OXG99	Standard																				
STD OXG99	Standard																				
STD OXG99	Standard																				
STD OXG99	Standard																				
STD OXG99	Standard																				
STD OXK94	Standard																				
STD OXK94	Standard																				
STD OXK94	Standard																				
STD OXK94	Standard																				
STD SO-18	Standard	0.60	1.77	0.26	1.91	0.26															
STD SO-18	Standard	0.61	1.77	0.27	1.88	0.27															
STD SO-18	Standard	0.64	1.84	0.28	2.01	0.27															
STD SO-18	Standard	0.64	1.95	0.28	2.02	0.27															
STD SO-18	Standard	0.65	1.73	0.27	1.97	0.25															
STD SO-18	Standard	0.62	1.71	0.25	1.69	0.24															

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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		1F Bi ppm 0.02	1F P % 0.001	1F Cr ppm 0.5	1F B ppm 20	1F Tl ppm 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ge ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD GS311-1	Standard															
STD GS311-1	Standard															
STD GS311-1	Standard															
STD GS311-1	Standard															
STD GS910-4	Standard															
STD GS910-4	Standard															
STD GS910-4	Standard															
STD GS910-4	Standard															
STD GS910-4	Standard															
STD GS910-4	Standard															
STD OREAS45CA	Standard	0.18	0.037	636.0	<20	0.07	34	0.2	0.07	0.1	0.09	<1	0.5	7.0	50	60
STD OREAS45CA	Standard	0.17	0.040	721.4	<20	0.06	43	0.1	0.08	0.1	0.08	<1	0.8	7.0	14	67
STD OREAS45CA	Standard	0.15	0.040	909.6	<20	0.13	39	0.3	0.09	<0.1	0.09	<1	0.7	7.7	40	65
STD OREAS45CA	Standard	0.14	0.039	712.0	<20	0.04	30	0.3	0.03	<0.1	0.07	<1	0.6	5.7	30	61
STD OXG99	Standard															
STD OXG99	Standard															
STD OXG99	Standard															
STD OXG99	Standard															
STD OXG99	Standard															
STD OXK94	Standard															
STD OXK94	Standard															
STD OXK94	Standard															
STD OXK94	Standard															
STD SO-18	Standard															
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		WGHT	G6	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Wgt	Au	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf
		kg	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1
STD SO-18	Standard			58.05	14.11	7.66	3.37	6.29	3.69	2.17	0.69	0.85	0.41	0.555	24	1.9	99.74	497	6.7	17.1	9.3
STD SO-18	Standard			57.88	14.15	7.69	3.38	6.42	3.70	2.14	0.70	0.84	0.41	0.553	24	1.9	99.75	488	6.7	17.2	9.6
STD SO-18	Standard			57.67	14.28	7.73	3.40	6.46	3.67	2.13	0.70	0.83	0.40	0.554	24	1.9	99.74	468	6.3	16.7	8.3
STD SO-18	Standard			58.07	14.12	7.66	3.38	6.28	3.69	2.15	0.69	0.82	0.40	0.553	24	1.9	99.72	528	7.3	17.5	9.3
STD SO-18	Standard			57.92	14.14	7.62	3.39	6.45	3.65	2.11	0.70	0.84	0.41	0.553	24	1.9	99.68	524	6.7	16.5	9.3
STD SO-18	Standard			58.26	14.11	7.54	3.34	6.30	3.69	2.14	0.68	0.82	0.40	0.548	24	1.9	99.74	491	7.0	16.8	9.5
STD SO-18	Standard			58.09	14.10	7.68	3.37	6.32	3.67	2.14	0.69	0.83	0.40	0.551	24	1.9	99.75	477	6.5	17.5	9.3
STD OXK94 Expected			3.562																		
STD OXG99 Expected			0.932																		
STD GS910-4 Expected																					
STD GS311-1 Expected																					
STD DS9 Expected																					
STD OREAS45CA Expected																					
STD SO-18 Expected				58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	25			514	7.1	17.6	9.8
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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BLK	Blank		<0.005																		
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BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	2	<0.1	<0.5	<0.1

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Project: 204500
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QUALITY CONTROL REPORT WHI12000863.1

		4A-4B Nb ppm 0.1	4A-4B Rb ppm 0.1	4A-4B Sn ppm 1	4A-4B Sr ppm 0.5	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05
STD SO-18	Standard	20.4	26.7	13	379.3	6.8	9.3	15.3	197	14.6	291.7	30.3	11.8	25.7	3.34	13.5	2.75	0.90	2.81	0.46	2.97
STD SO-18	Standard	20.2	26.9	13	374.5	6.6	9.4	14.8	196	14.5	286.4	30.2	11.7	25.6	3.31	12.9	2.76	0.88	2.81	0.45	3.04
STD SO-18	Standard	20.5	26.6	14	385.3	5.5	9.4	15.0	201	13.4	278.1	29.4	12.0	25.2	3.15	12.5	2.52	0.80	2.80	0.45	2.91
STD SO-18	Standard	21.7	28.7	16	424.0	7.0	10.0	16.2	217	15.7	301.7	32.3	13.1	27.6	3.47	14.9	2.95	0.89	3.10	0.52	3.18
STD SO-18	Standard	20.2	27.3	15	414.0	5.5	9.6	15.7	218	17.5	290.3	32.1	13.4	27.3	3.30	11.8	2.92	0.88	2.99	0.49	2.98
STD SO-18	Standard	20.0	29.3	14	418.5	6.8	9.6	16.1	193	15.1	297.7	31.0	12.5	27.1	3.23	13.8	2.82	0.84	2.93	0.47	2.86
STD SO-18	Standard	19.4	27.7	12	400.6	6.5	9.4	15.1	192	13.5	287.0	29.0	12.4	26.1	3.11	12.6	2.70	0.87	2.86	0.47	2.68
STD OXK94 Expected																					
STD OXG99 Expected																					
STD GS910-4 Expected																					
STD GS311-1 Expected																					
STD DS9 Expected																					
STD OREAS45CA Expected																					
STD SO-18 Expected		21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05

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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	2A Leco TOT/C % 0.02	2A Leco TOT/S % 0.02	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F Au ppb 0.2	1F Cd ppm 0.01	1F Sb ppm 0.02
STD SO-18	Standard	0.59	1.57	0.25	1.67	0.25															
STD SO-18	Standard	0.57	1.63	0.25	1.69	0.24															
STD SO-18	Standard	0.66	1.67	0.26	1.71	0.25															
STD SO-18	Standard	0.63	1.89	0.28	2.04	0.28															
STD SO-18	Standard	0.58	1.73	0.26	1.57	0.25															
STD SO-18	Standard	0.65	1.85	0.26	1.83	0.25															
STD SO-18	Standard	0.60	1.63	0.26	1.62	0.25															
STD OXK94 Expected																					
STD OXG99 Expected																					
STD GS910-4 Expected							2.65	8.27													
STD GS311-1 Expected							1.02	2.35													
STD DS9 Expected									12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	118	2.4	4.94
STD OREAS45CA Expected									1	494	20	60	275	240	92	943	15.69	3.8	43	0.1	0.13
STD SO-18 Expected		0.62	1.84	0.27	1.79	0.27															
BLK	Blank						<0.02	<0.02													
BLK	Blank						<0.02	<0.02													
BLK	Blank						<0.02	<0.02													
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank								0.05	0.01	<0.01	0.2	3	<0.1	<0.1	<1	<0.01	<0.1	<0.2	<0.01	<0.02
BLK	Blank						<0.02	<0.02													
BLK	Blank						<0.02	<0.02													
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															

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Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		1F Bi ppm 0.02	1F P % 0.001	1F Cr ppm 0.5	1F B ppm 20	1F Tl ppm 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ge ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD SO-18	Standard															
STD SO-18	Standard															
STD SO-18	Standard															
STD SO-18	Standard															
STD SO-18	Standard															
STD SO-18	Standard															
STD SO-18	Standard															
STD OXK94 Expected																
STD OXG99 Expected																
STD GS910-4 Expected																
STD GS311-1 Expected																
STD DS9 Expected		6.32	0.0819	121		5.3	200	5.2	5.02	0.1	2.2	61	5.4	25.2	120	350
STD OREAS45CA Expected		0.19	0.0385	709		0.07	30	0.5	0.06	0.11	0.09			6.2	36	61
STD SO-18 Expected																
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
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BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.02	<0.001	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank															
BLK	Blank															
BLK	Blank															

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		WGHT Wgt kg 0.01	G6 Au ppm 0.005	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01	4A-4B Na2O % 0.01	4A-4B K2O % 0.01	4A-4B TiO2 % 0.01	4A-4B P2O5 % 0.01	4A-4B MnO % 0.01	4A-4B Cr2O3 % 0.002	4A-4B Sc ppm 1	4A-4B LOI % -5.1	4A-4B Sum % 0.01	4A-4B Ba ppm 1	4A-4B Cs ppm 0.1	4A-4B Ga ppm 0.5	4A-4B Hf ppm 0.1
BLK	Blank		<0.005																			
BLK	Blank																					
BLK	Blank			<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	0.01	2	<0.1	<0.5	<0.1
BLK	Blank			<0.01	<0.01	<0.04	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	<1	<0.1	<0.5	<0.1
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank			<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	<1	<0.1	<0.5	<0.1
BLK	Blank			0.05	0.01	<0.04	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	0.10	2	<0.1	<0.5	<0.1
BLK	Blank			<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	<1	<0.1	<0.5	<0.1
BLK	Blank			<0.01	<0.01	0.11	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	0.10	<1	<0.1	<0.5	<0.1
Prep Wash																						
G1-WHI	Prep Blank		<0.005	67.25	15.37	3.60	1.25	3.49	3.44	3.56	0.39	0.19	0.10	0.004	6	1.1	99.71	1197	4.1	17.8	4.1
G1-WHI	Prep Blank		<0.005	67.67	15.44	3.62	1.22	3.43	3.52	3.50	0.39	0.19	0.10	0.003	6	0.7	99.73	1110	3.7	18.0	4.1

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204500
Report Date: October 22, 2012

QUALITY CONTROL REPORT WHI12000863.1

		4A-4B Nb ppm 0.1	4A-4B Rb ppm 0.1	4A-4B Sn ppm 1	4A-4B Sr ppm 0.5	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05
BLK	Blank	0.2	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.7	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.3	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05
BLK	Blank	<0.1	0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05
BLK	Blank	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05
BLK	Blank	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05
Prep Wash																						
G1-WHI	Prep Blank	24.2	127.6	2	818.8	1.5	8.3	3.5	60	<0.5	133.0	16.4	26.5	51.1	5.85	21.5	3.76	1.04	3.19	0.53	2.69
G1-WHI	Prep Blank	21.9	124.9	2	782.9	1.4	8.9	3.3	58	<0.5	138.4	15.3	30.7	57.4	6.37	23.2	3.83	0.94	3.08	0.49	2.61

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QUALITY CONTROL REPORT WHI12000863.1

		4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	2A Leco TOT/C % 0.02	2A Leco TOT/S % 0.02	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F Au ppb 0.2	1F Cd ppm 0.01	1F Sb ppm 0.02
BLK	Blank																				
BLK	Blank								<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	0.2	<0.2	<0.01	<0.02
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank								<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.5	<0.2	<0.01	<0.02
BLK	Blank						<0.02	<0.02													
BLK	Blank								<0.01	0.05	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.2	<0.01	<0.02
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.02	<0.03	<0.01	<0.05	<0.01															
Prep Wash																					
G1-WHI	Prep Blank	0.63	2.00	0.28	2.07	0.33	0.04	<0.02	0.22	2.48	5.44	57.8	91	4.8	4.7	636	2.09	0.4	2.1	0.11	0.17
G1-WHI	Prep Blank	0.56	1.76	0.27	2.00	0.30	<0.02	<0.02	0.11	2.10	3.66	51.5	37	4.8	4.7	608	2.02	0.1	1.8	0.04	0.06

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Project: 204500
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QUALITY CONTROL REPORT WHI12000863.1

		1F Bi ppm 0.02	1F P % 0.001	1F Cr ppm 0.5	1F B ppm 20	1F Tl ppm 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ge ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
BLK	Blank															
BLK	Blank	<0.02	<0.001	<0.5	<20	<0.02	7	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.02	<0.001	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank															
BLK	Blank	<0.02	<0.001	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
Prep Wash																
G1-WHI	Prep Blank	0.06	0.080	13.0	<20	0.35	6	<0.1	<0.02	<0.1	<0.02	<1	0.3	31.4	<10	<2
G1-WHI	Prep Blank	0.04	0.081	13.1	<20	0.32	<5	<0.1	<0.02	0.1	<0.02	<1	0.2	33.6	<10	<2

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